PB83-122796

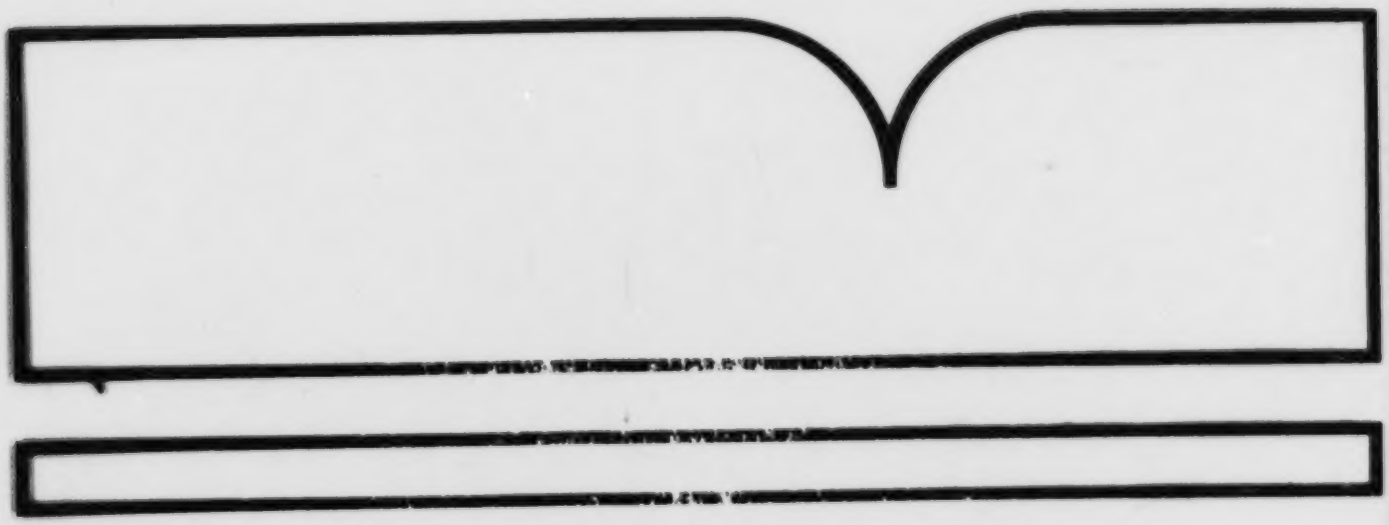
Fate pf Priority Toxic Pollutants in Publicly Owned Treatment Works, Volume II

Burns and Roe Industrial Services Corp.
Paramus, NJ

Prepared for

Environmental Protection Agency
Washington, DC

Jul 82



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16. ABSTRACT

The purpose of this study is to determine the fate of priority toxic pollutants in publicly owned treatment works (POTW). Influent, effluent, and sludge samples were collected at 50 POTWs and analyzed for conventional selected nonconventional, and priority toxic pollutants.

Volume I contains a discussion of how the sampling episodes were conducted, presents the charateristics of each POTW, summarizes the analytical results and presents the results of preliminary evluations of the data. Volume II contains the daily analytical results for each of the 50 sampling episodes.

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Fate of Priority Pollutants in Publicly Owned Treatment Works

Final Report

Volume II

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SPRINGFIELD, VA 22161

FATE OF PRIORITY TOXIC POLLUTANTS

IN

PUBLICLY OWNED TREATMENT WORKS

FINAL REPORT

VOLUME II

PREPARED FOR:

EFFLUENT GUIDELINES DIVISION

OFFICE OF WATER REGULATIONS AND STANDARDS

U.S. ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

PREPARED BY:

BURNS AND ROE INDUSTRIAL SERVICES CORPORATION

PARAMUS, NEW JERSEY 07652

JULY 1982

PREFACE

This document is being issued as the Final Report on a project initiated by the United States Environmental Protection Agency in 1978 to study the occurrence and fate of the 129 priority toxic pollutants in 40 Publicly Owned Treatment Works (POTW) and a supplemental study conducted at 10 additional POTW. This report consists of two volumes. Volume I contains the background and purpose of study, the POTW selection criteria, the sampling program details, the overall POTW data, evaluation of analytical results, and the preliminary conclusions of the study. Volume II contains the Daily Analytical Results which embody the basic data generated during the course of this study and which are the source for all other data compilations and analyses.

DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	200	14	93	25000	7800	1800
	TOTAL SUSP. SOLIDS	MG/L	157	29	82	41000	15000	4100
	COD	MG/L	405	95	77	80000	2500	7100
	OIL & GREASE	MG/L	46	6	87	9280	NOT RUN	276
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	42	6	86	542	NOT RUN	L 35
	TOTAL SOLIDS	MG/L	1067	990	7	52000	18000	5180
	TOTAL VOLATILE SOLIDS	MG/L	237	170	28	27000	9400	2860
	TOTAL VOL. SUS. SOLIDS	MG/L	130	13	90	20000	7600	2700
	AMMONIA NITROGEN	MG/L	6	5	17	62	25	7
	TOC	MG/L	247	81	67	31000	9200	2200
VOLATILES	BENZENE	UG/L	15	4	73	270	NOT RUN	15
	CARBON TETRACHLORIDE	UG/L	L 5	L 5	-	45	NOT RUN	L 5
	1,1,1-TRICHLOROETHANE	UG/L	10	2	80	L 5	NOT RUN	L 5
	1,1-DICHLOROETHANE	UG/L	L 5	L 5	-	2	NOT RUN	L 5
	CHLOROFORM	UG/L	22	35	-	L 35	NOT RUN	L 5
	1,1-DICHLOROETHYLENE	UG/L	5	5	-	25	NOT RUN	L 5
	1,2-TRANS-DICHLORDETHYLENE	UG/L	5	L 5	-	L 5	NOT RUN	L 5
	ETHYLBENZENE	UG/L	7	5	29	260	NOT RUN	L 5
	METHYLENE CHLORIDE	UG/L	6	6	-	55	NOT RUN	240
	DICHLOROBROMOMETHANE	UG/L	L 5	L 5	-	70	NOT RUN	80
	TETRACHLOROETHYLENE	UG/L	30	5	83	270	NOT RUN	L 5
	TOLUENE	UG/L	12	5	58	270	NOT RUN	L 5
	TRICHLOROETHYLENE	UG/L	25	5	80	270	NOT RUN	L 5
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	2	L 50	-	L 50	L 50	NOT RUN
	PHENOL	UG/L	72	19	74	L 50	L 50	NOT RUN
BASE-NEUTRALS	NAPHTHALENE	UG/L	3	L 10	-	430	4	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	120	18	85	5000	120	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	4	L 10	-	L 10	L 10	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	2	L 5	-	L 10	L 10	NOT RUN
	DIETHYL PHTHALATE	UG/L	2	L 10	-	L 10	L 10	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 10	L 10	-	900	L 10	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	1400	L 5	NOT RUN
	CHRYSENE	UG/L	L 10	L 10	-	900	L 10	NOT RUN
	ANTHRACENE	UG/L	2	5	-	3100	14	NOT RUN
	FLUORENE	UG/L	L 10	L 10	-	650	L 10	NOT RUN
	PHENANTHRENE	UG/L	2	5	-	3100	14	NOT RUN
	PYRENE	UG/L	L 10	L 10	-	1550	L 10	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	150	31	L 10
	ARSENIC	UG/L	L 50	L 50	-	380	120	39
	BERYLLIUM	UG/L	L 2	L 2	-	65	20	4
	CADMIUM	UG/L	4	6	-	1550	590	480
	CHROMIUM	UG/L	120	84	30	8000	22000	7000
	COPPER	UG/L	119	58	51	80000	34000	9300
	CYANIDE	UG/L	5	6	-	1120	NOT RUN	36
	LEAD	UG/L	L 20	L 20	-	47000	13000	370

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/07/23
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	MERCURY	NG/L	333	200	40	L 3000	L 3000	L 3000
	NICKEL	UG/L	24	51	-	17500	3600	1200
	SELENIUM	UG/L	L 50	L 50	-	11	L 10	15
	SILVER	UG/L	1	L 2	-	30	58	32
	THALLIUM	UG/L	L 50	L 50	-	1	L 1	L 1
	ZINC	UG/L	88	96	-	180000	57000	1500
NON-CONV. METALS	ALUMINUM	UG/L	1053	347	67	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	94	68	28	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	76	94	-	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1431	696	51	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	25	31	-	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	75	130	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/07/23
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DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/23 0800 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	FILTER FILTRATE	FLOTABLES	TAP WATER
CONVENTIONALS	BOD	MG/L	NOT RUN	NOT RUN	4100	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	NOT RUN	NOT RUN	3500	NOT RUN
	COD	MG/L	NOT RUN	NOT RUN	7500	NOT RUN
	OIL & GREASE	MG/L	NOT RUN	NOT RUN	27500	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	NOT RUN	NOT RUN	73	NOT RUN
	TOTAL SOLIDS	MG/L	NOT RUN	NOT RUN	10200	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	NOT RUN	NOT RUN	8160	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	NOT RUN	NOT RUN	3400	NOT RUN
	AMMONIA NITROGEN	MG/L	NOT RUN	NOT RUN	11	NOT RUN
	TOC	MG/L	NOT RUN	NOT RUN	6800	NOT RUN
VOLATILES	BENZENE	UG/L	NOT RUN	NOT RUN	80	NOT RUN
	ETHYLBENZENE	UG/L	NOT RUN	NOT RUN	30	NOT RUN
	METHYLENE CHLORIDE	UG/L	NOT RUN	NOT RUN	250	NOT RUN
	DICHLORODBROMOMETHANE	UG/L	NOT RUN	NOT RUN	40	NOT RUN
	TOLUENE	UG/L	NOT RUN	NOT RUN	35	NOT RUN
	TRICHLOROETHYLENE	UG/L	NOT RUN	NOT RUN	45	NOT RUN
BASE-NEUTRALS	ACENAPHTHENE	UG/L	NOT RUN	NOT RUN	900	NOT RUN
	NAPHTHALENE	UG/L	NOT RUN	NOT RUN	2400	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	NOT RUN	NOT RUN	2200	NOT RUN
	1,2-BENZANTHRACENE	UG/L	NOT RUN	NOT RUN	900	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	NOT RUN	NOT RUN	95	NOT RUN
	CHRYSENE	UG/L	NOT RUN	NOT RUN	900	NOT RUN
	ANTHRACENE	UG/L	NOT RUN	NOT RUN	4100	NOT RUN
	PHENANTHRENE	UG/L	NOT RUN	NOT RUN	4100	NOT RUN
	PYRENE	UG/L	NOT RUN	NOT RUN	700	NOT RUN
METALS	ANTIMONY	UG/L	NOT RUN	NOT RUN	18	NOT RUN
	ARSENIC	UG/L	NOT RUN	NOT RUN	30	NOT RUN
	BERYLLIUM	UG/L	NOT RUN	NOT RUN	1	NOT RUN
	CADMIUM	UG/L	NOT RUN	NOT RUN	40	NOT RUN
	CHROMIUM	UG/L	NOT RUN	NOT RUN	5700	NOT RUN
	COPPER	UG/L	NOT RUN	NOT RUN	4100	NOT RUN
	LEAD	UG/L	NOT RUN	NOT RUN	330	NOT RUN
	NICKEL	UG/L	NOT RUN	NOT RUN	1200	NOT RUN
	SELENIUM	UG/L	NOT RUN	NOT RUN	10	NOT RUN
	SILVER	UG/L	NOT RUN	NOT RUN	46	NOT RUN
	THALLIUM	UG/L	NOT RUN	NOT RUN	2	NOT RUN
	ZINC	UG/L	NOT RUN	NOT RUN	5400	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/07/23
(L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
[illegible])

DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	127	12	91	30000	7700	26000
	TOTAL SUSP. SOLIDS	MG/L	179	27	85	45000	13000	7000
	COD	MG/L	267	77	71	61000	24000	7900
	OIL & GREASE	MG/L	44	2	95	9880	NOT RUN	435
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	22	2	91	462	NOT RUN	L 2
	TOTAL SOLIDS	MG/L	787	840	-	61000	14000	5700
	TOTAL VOLATILE SOLIDS	MG/L	213	160	25	28000	7200	3200
	TOTAL VOL. SUS. SOLIDS	MG/L	138	16	88	19000	6000	4000
	AMMONIA NITROGEN	MG/L	5	5	-	52	12	8
	TOC	MG/L	260	71	64	27000	5700	2800
VOLATILES	BENZENE	UG/L	5	L 5	-	230	NOT RUN	20
	1,1,1-TRICHLOROETHANE	UG/L	4	1	75	L 5	NOT RUN	L 5
	1,1-DICHLOROETHANE	UG/L	L 5	L 5	-	2	NOT RUN	L 5
	CHLOROFORM	UG/L	22	5	77	L 5	NOT RUN	L 5
	1,1-DICHLOROETHYLENE	UG/L	6	2	67	35	NOT RUN	L 5
	1,2-TRANS-DICHLOROETHYLENE	UG/L	4	L 5	-	L 5	NOT RUN	L 5
	ETHYLBENZENE	UG/L	153	1	99	250	NOT RUN	L 5
	METHYLENE CHLORIDE	UG/L	5	8	-	250	NOT RUN	250
	DICHLOROBROMOMETHANE	UG/L	L 5	L 5	-	30	NOT RUN	45
	TETRACHLOROETHYLENE	UG/L	6	4	33	260	NOT RUN	L 5
	TOLUENE	UG/L	10	5	50	260	NOT RUN	L 5
	TRICHLOROETHYLENE	UG/L	5	4	20	260	NOT RUN	T 5
ACID EXTRACT	2-CHLOROPHENOL	UG/L	L 50	5	-	L 50	L 50	NOT RUN
	PENTACHLOROPHENOL	UG/L	L 50	5	-	L 50	L 50	NOT RUN
	PHENOL	UG/L	5	89	-	L 50	L 50	NOT RUN
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 10	L 10	-	150	L 10	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	2	L 10	-	L 10	L 10	NOT RUN
	FLUORANTHENE	UG/L	7	5	29	L 10	L 10	NOT RUN
	NAPHTHALENE	UG/L	7	5	29	370	L 10	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	30	15	50	2600	L 10	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	2	5	-	L 10	L 10	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	16	L 10	38	L 10	L 10	NOT RUN
	DIETHYL PHTHALATE	UG/L	3	5	-	L 10	L 10	NOT RUN
	1,2-BENZANTHRACENE	UG/L	2	L 10	-	1000	L 10	NOT RUN
	CHRYSENE	UG/L	2	L 10	-	1000	L 10	NOT RUN
	ANTHRACENE	UG/L	3	5	-	2800	L 10	NOT RUN
	FLUORENE	UG/L	L 10	L 10	-	1300	L 10	NOT RUN
	PHENANTHRENE	UG/L	7	5	29	2800	L 10	NOT RUN
	PYRENE	UG/L	3	5	-	1100	L 10	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	180	50	26
	ARSENIC	UG/L	L 50	L 50	-	620	130	57
	BERYLLIUM	UG/L	L 2	L 2	-	44	12	3
	CADMIUM	UG/L	9	10	-	1070	340	160
	CHROMIUM	UG/L	63	74	-	5200	14000	68000
	COPPER	UG/L	70	46	34	98000	27000	10000

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DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	CYANIDE	UG/L	5	5	-	243	NOT RUN	L 45
	LEAD	UG/L	32	L 20	38	52000	6400	1800
	MERCURY	MG/L	600	900	-	4000	3000	2000
	NICKEL	UG/L	19	28	-	13000	3000	1000
	SELENIUM	UG/L	L 50	L 50	-	L 10	18	20
	SILVER	UG/L	L 2	L 2	-	39	220	190
	THALLIUM	UG/L	L 50	L 50	-	5	1	2
	ZINC	UG/L	303	200	34	170000	54000	14000
NON-CONV. METALS	ALUMINUM	UG/L	1400	319	77	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	203	75	63	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	82	81	1	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	26000	655	97	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	18	26	-	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	154	114	26	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/07/24
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DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/24 0800 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	FILTER FILTRATE	FLOT ABLES	TAP WATER
CONVENTIONALS	BOD	MG/L	NOT RUN	NOT RUN	2000	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	NOT RUN	NOT RUN	1270	NOT RUN
	COD	MG/L	NOT RUN	NOT RUN	4600	NOT RUN
	OIL & GREASE	MG/L	NOT RUN	NOT RUN	6100	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	NOT RUN	NOT RUN	82	NOT RUN
	TOTAL SOLIDS	MG/L	NOT RUN	NOT RUN	5840	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	NOT RUN	NOT RUN	4830	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	NOT RUN	NOT RUN	1160	NOT RUN
	AMMONIA NITROGEN	MG/L	NOT RUN	NOT RUN	5	NOT RUN
	TOC	MG/L	NOT RUN	NOT RUN	1700	NOT RUN
VOLATILES	BENZENE	UG/L	NOT RUN	NOT RUN	75	NOT RUN
	METHYLENE CHLORIDE	UG/L	NOT RUN	NOT RUN	250	NOT RUN
	DICHLORODBROMOMETHANE	UG/L	NOT RUN	NOT RUN	35	NOT RUN
	TRICHLOROETHYLENE	UG/L	NOT RUN	NOT RUN	15	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	NOT RUN	NOT RUN	58	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	NOT RUN	NOT RUN	29	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	NOT RUN	NOT RUN	32	NOT RUN
	1,2-BENZANTHRACENE	UG/L	NOT RUN	NOT RUN	29	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	NOT RUN	NOT RUN	72	NOT RUN
	CHRYSENE	UG/L	NOT RUN	NOT RUN	29	NOT RUN
	ANTHRACENE	UG/L	NOT RUN	NOT RUN	140	NOT RUN
	PHENANTHRENE	UG/L	NOT RUN	NOT RUN	140	NOT RUN
	PYRENE	UG/L	NOT RUN	NOT RUN	23	NOT RUN
METALS	CADMIUM	UG/L	NOT RUN	NOT RUN	38	NOT RUN
	CHROMIUM	UG/L	NOT RUN	NOT RUN	1600	NOT RUN
	COPPER	UG/L	NOT RUN	NOT RUN	1500	NOT RUN
	LEAD	UG/L	NOT RUN	NOT RUN	10	NOT RUN
	MERCURY	MG/L	NOT RUN	NOT RUN	2000	NOT RUN
	NICKEL	UG/L	NOT RUN	NOT RUN	300	NOT RUN
	SELENIUM	UG/L	NOT RUN	NOT RUN	10	NOT RUN
	SILVER	UG/L	NOT RUN	NOT RUN	17	NOT RUN
	THALLIUM	UG/L	NOT RUN	NOT RUN	2	NOT RUN
	ZINC	UG/L	NOT RUN	NOT RUN	1400	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/07/24
(L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/25 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	147	19	87	13000	9100	1800
	TOTAL SUSP. SOLIDS	MG/L	147	34	77	44000	19000	4700
	COD	MG/L	337	53	84	52000	29000	3600
	OIL & GREASE	MG/L	33	3	91	10600	NOT RUN	L 292
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	31	5	84	362	NOT RUN	L 10
	TOTAL SOLIDS	MG/L	817	680	17	56000	23000	5600
	TOTAL VOLATILE SOLIDS	MG/L	257	120	53	25000	11000	3100
	TOTAL VOL. SUS. SOLIDS	MG/L	109	31	72	24000	8300	2600
	AMMONIA NITROGEN	MG/L	4	5	-	44	22	7
	TOC	MG/L	223	62	72	22000	9200	2400
VOLATILES	BENZENE	UG/L	16	3	81	190	NOT RUN	15
	CARBON TETRACHLORIDE	UG/L	2	L 5	-	L 5	NOT RUN	L 5
	1,1,1-TRICHLOROETHANE	UG/L	4	5	-	25	NOT RUN	L 5
	1,1-DICHLOROETHANE	UG/L	L 5	L 5	-	20	NOT RUN	L 5
	1,1,2-TRICHLOROETHANE	UG/L	1	L 3	-	L 5	NOT RUN	L 5
	CHLOROFORM	UG/L	26	4	85	L 5	NOT RUN	L 5
	1,1-DICHLOROETHYLENE	UG/L	3	5	-	L 5	NOT RUN	L 5
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 5	-	20	NOT RUN	L 5
	ETHYLBENZENE	UG/L	5	3	40	250	NOT RUN	L 5
	METHYLENE CHLORIDE	UG/L	14	5	64	250	NOT RUN	230
	DICHLOROBROMOMETHANE	UG/L	L 5	2	-	50	NOT RUN	60
	CHLORODIBROMOMETHANE	UG/L	L 5	L 5	-	20	NOT RUN	25
	TETRACHLOROETHYLENE	UG/L	259	6	98	250	NOT RUN	10
	TOLUENE	UG/L	12	3	75	250	NOT RUN	L 5
	TRICHLOROETHYLENE	UG/L	5	4	20	250	NOT RUN	L 5
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	2	L 50	-	L 50	L 50	L 50
	PENTACHLOROPHENOL	UG/L	2	L 50	-	650	L 50	L 50
	PHENOL	UG/L	5	5	-	210	L 50	L 50
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 10	L 10	-	550	200	L 10
	1,2-DICHLOROBENZENE	UG/L	5	L 10	-	L 10	L 10	L 10
	1,3-DICHLOROBENZENE	UG/L	2	L 10	-	L 10	L 10	L 10
	1,4-DICHLOROBENZENE	UG/L	2	5	-	L 10	L 10	L 10
	FLUORANTHENE	UG/L	3	L 10	-	L 10	L 10	L 10
	NAPHTHALENE	UG/L	5	L 10	-	350	50	20
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	22	26	-	4900	2500	L 10
	BUTYL BENZYL PHTHALATE	UG/L	3	L 10	-	L 10	L 10	L 10
	DI-N-BUTYL PHTHALATE	UG/L	5	5	-	L 10	L 10	L 10
	DI-N-OCTYL PHTHALATE	UG/L	2	L 10	-	L 10	L 10	L 10
	DIETHYL PHTHALATE	UG/L	5	L 10	-	L 10	L 10	L 10
	DIMETHYL PHTHALATE	UG/L	2	L 10	-	L 10	L 10	L 10
	1,2-BENZANTHRACENE	UG/L	L 10	L 10	-	700	550	L 10
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	2400	950	2
	CHRYSENE	UG/L	L 10	L 10	-	700	550	L 10
	ACENAPHTHYLENE	UG/L	2	L 10	-	L 10	L 10	L 10
	ANTHRACENE	UG/L	3	L 10	-	2700	1700	L 10
	FLUORENE	UG/L	2	L 10	-	L 10	L 10	L 10

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/07/25
(L-LESS THAN; G-GREATER THAN; T-TRACE; I OR J-INTERFERENCE; U-UNCONFIRMED)

DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/25 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
BASE-NEUTRALS	PHENANTHRENE	UG/L	3	L 10	-	2700	1700	L 10
	PYRENE	UG/L	3	L 10	-	1700	650	L 10
METALS	ANTIMONY	UG/L	L 50	L 50	-	160	77	22
	ARSENIC	UG/L	L 50	L 50	-	6000	280	69
	BERYLLIUM	UG/L	L 2	L 2	-	40	12	8
	CADMIUM	UG/L	3	L 2	33	1100	910	660
	CHROMIUM	UG/L	378	19	95	32000	32000	13000
	COPPER	UG/L	167	17	90	66000	36000	14000
	CYANIDE	UG/L	11	7	36	565	NOT RUN	L 22
	LEAD	UG/L	46	L 20	57	46000	16000	2700
	MERCURY	MG/L	200	200	-	3000	2000	L 3000
	NICKEL	UG/L	111	23	79	10000	3900	1900
	SELENIUM	UG/L	L 50	L 50	-	11	16	22
	SILVER	UG/L	9	L 2	78	15	20	140
	THALLIUM	UG/L	L 50	L 50	-	2	L 1	1
	ZINC	UG/L	225	44	80	100000	67000	22000
NON-CONV. METALS	ALUMINUM	UG/L	1320	96	93	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	97	24	75	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	63	43	32	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	2140	208	90	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	20	13	35	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	90	56	38	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/07/25
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/25 0800 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	FILTER FILTRATE	FLOTABLES	TAP WATER
CONVENTIONALS	BOD	MG/L	NOT RUN	NOT RUN	1400	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	NOT RUN	NOT RUN	6330	NOT RUN
	COD	MG/L	NOT RUN	NOT RUN	12000	NOT RUN
	OIL & GREASE	MG/L	NOT RUN	NOT RUN	3250	NOT RUN
NON-CONVENTIONALS	TOTAL SOLIDS	MG/L	NOT RUN	NOT RUN	32600	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	NOT RUN	NOT RUN	29700	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	NOT RUN	NOT RUN	5870	NOT RUN
	AMMONIA NITROGEN	MG/L	NOT RUN	NOT RUN	2	NOT RUN
	TOC	MG/L	NOT RUN	NOT RUN	1200	NOT RUN
VOLATILES	BENZENE	UG/L	NOT RUN	NOT RUN	80	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	NOT RUN	NOT RUN	15	NOT RUN
	ETHYLBENZENE	UG/L	NOT RUN	NOT RUN	250	NOT RUN
	METHYLENE CHLORIDE	UG/L	NOT RUN	NOT RUN	250	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	NOT RUN	NOT RUN	35	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	NOT RUN	NOT RUN	5	NOT RUN
	TETRACHLOROETHYLENE	UG/L	NOT RUN	NOT RUN	260	NOT RUN
	TOLUENE	UG/L	NOT RUN	NOT RUN	260	NOT RUN
ACID EXTRACT	PHENOL	UG/L	NOT RUN	NOT RUN	4	NOT RUN
BASE-NEUTRALS	NAPHTHALENE	UG/L	NOT RUN	NOT RUN	180	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	NOT RUN	NOT RUN	160	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	NOT RUN	NOT RUN	120	NOT RUN
	1,2-BENZANTHRACENE	UG/L	NOT RUN	NOT RUN	66	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	NOT RUN	NOT RUN	98	NOT RUN
	CHRYSENE	UG/L	NOT RUN	NOT RUN	66	NOT RUN
	ANTHRACENE	UG/L	NOT RUN	NOT RUN	480	NOT RUN
	PHENANTHRENE	UG/L	NOT RUN	NOT RUN	480	NOT RUN
	PYRENE	UG/L	NOT RUN	NOT RUN	78	NOT RUN
METALS	ANTIMONY	UG/L	NOT RUN	NOT RUN	11	NOT RUN
	ARSENIC	UG/L	NOT RUN	NOT RUN	120	NOT RUN
	CADMIUM	UG/L	NOT RUN	NOT RUN	6	NOT RUN
	CHROMIUM	UG/L	NOT RUN	NOT RUN	500	NOT RUN
	COPPER	UG/L	NOT RUN	NOT RUN	550	NOT RUN
	NICKEL	UG/L	NOT RUN	NOT RUN	160	NOT RUN
	ZINC	UG/L	NOT RUN	NOT RUN	1100	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/07/25
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
B=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	160	10	94	16000	5000	2100
	TOTAL SUSP. SOLIDS	MG/L	150	12	92	36000	14000	5700
	COD	MG/L	440	45	90	46000	16000	5200
	OIL & GREASE	MG/L	96	6	94	9050	NOT RUN	742
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	63	7	89	1810	NOT RUN	76
	TOTAL SOLIDS	MG/L	987	722	27	55000	19000	6300
	TOTAL VOLATILE SOLIDS	MG/L	277	120	57	26000	9900	3300
	TOTAL VOL. SUS. SOLIDS	MG/L	103	9	91	21000	6800	3500
	AMMONIA NITROGEN	MG/L	5	4	20	61	26	14
	TOC	MG/L	257	60	77	21000	7800	2700
VOLATILES	BENZENE	UG/L	10	2	80	120	NOT RUN	20
	CARBON TETRACHLORIDE	UG/L	1	L 5	-	L 5	NOT RUN	L 5
	CHLOROBENZENE	UG/L	1	L 5	-	L 5	NOT RUN	L 5
	1,2-DICHLOROETHANE	UG/L	1	L 5	-	L 5	NOT RUN	L 5
	1,1,1-TRICHLOROETHANE	UG/L	21	5	76	L 5	NOT RUN	L 5
	1,1-DICHLOROETHANE	UG/L	L 5	L 5	-	50	NOT RUN	L 5
	1,1,2-TRICHLOROETHANE	UG/L	45	L 5	89	L 5	NOT RUN	L 5
	CHLOROFORM	UG/L	27	20	26	L 5	NOT RUN	L 5
	1,1-DICHLOROETHYLENE	UG/L	5	5	-	L 5	NOT RUN	L 5
	1,2-TRANS-DICHLOROETHYLENE	UG/L	4	L 5	-	L 5	NOT RUN	L 5
	ETHYLBENZENE	UG/L	4	3	25	200	NOT RUN	L 5
	METHYLENE CHLORIDE	UG/L	7	5	29	250	NOT RUN	250
	METHYL CHLORIDE	UG/L	2	L 5	-	L 5	NOT RUN	L 5
	DICHLOROBROMOMETHANE	UG/L	1	L 5	-	40	NOT RUN	L 5
	TRICHLOROFLUOROMETHANE	UG/L	1	L 5	-	L 5	NOT RUN	L 5
	TETRACHLOROETHYLENE	UG/L	21	7	67	210	NOT RUN	20
	TOLUENE	UG/L	21	5	76	210	NOT RUN	L 5
	TRICHLOROETHYLENE	UG/L	24	5	79	210	NOT RUN	L 5
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	3	L 50	-	L 50	L 50	L 50
	PHENOL	UG/L	10	16	-	L 50	L 50	L 50
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 10	L 10	-	6	140	L 10
	1,2,4-TRICHLOROBENZENE	UG/L	2	L 10	-	L 10	L 10	L 10
	HEXACHLOROBENZENE	UG/L	2	L 10	-	L 10	L 10	L 10
	1,2-DICHLOROBENZENE	UG/L	3	L 10	-	L 10	L 10	L 10
	1,3-DICHLOROBENZENE	UG/L	2	L 10	-	L 10	L 10	L 10
	1,4-DICHLOROBENZENE	UG/L	3	L 10	-	L 10	L 10	L 10
	FLUORANTHENE	UG/L	2	L 10	-	L 10	L 10	L 10
	BIS(2-CHLOROETHYOXY) METHANE	UG/L	3	L 25	-	L 25	L 25	L 25
	HEXACHLOROBUTADIENE	UG/L	2	L 10	-	L 10	L 10	L 10
	NAPHTHALENE	UG/L	6	L 10	-	56	L 10	L 10
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	45	5	89	20	2400	L 10
	BUTYL BENZYL PHTHALATE	UG/L	3	5	-	4	L 10	L 10
	DI-N-BUTYL PHTHALATE	UG/L	5	5	-	L 10	L 10	L 10
	DIETHYL PHTHALATE	UG/L	2	L 10	-	L 10	L 10	L 10
	DIMETHYL PHTHALATE	UG/L	3	L 10	-	L 10	L 10	L 10
	1,2-BENZANTHRACENE	UG/L	L 10	L 10	-	51	470	L 10

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[illegible] NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
BASE-NEUTRALS	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	23	750	L 5
	CHRYSENE	UG/L	L 10	L 10	-	51	470	L 10
	ANTHRACENE	UG/L	5	L 10	-	57	1900	6
	FLUORENE	UG/L	3	L 10	-	L 10	300	L 10
	PHENANTHRENE	UG/L	5	L 10	-	57	1900	6
	1,215,6-DIBENZANTHRACENE	UG/L	L 50	L 50	-	L 50	L 50	50
	INDENO(1,2,3-C,D) PYRENE	UG/L	L 50	L 50	-	L 50	L 50	40
	PYRENE	UG/L	2	5	-	L 10	950	L 10
METALS	ANTIMONY	UG/L	L 50	L 50	-	160	68	24
	ARSENIC	UG/L	L 50	L 50	-	420	220	71
	BERYLLIUM	UG/L	L 2	L 2	-	40	9	5
	CADMIUM	UG/L	11	L 2	82	1400	660	240
	CHROMIUM	UG/L	784	41	95	7800	16000	12000
	COPPER	UG/L	408	27	93	86000	22000	1500
	CYANIDE	UG/L	35	10	71	555	NOT RUN	L 67
	LEAD	UG/L	95	L 20	79	47000	13000	3100
	MERCURY	NG/L	133	200	-	L 2000	L 3000	L 3000
	NICKEL	UG/L	151	43	72	15000	3700	1200
	SELENIUM	UG/L	L 50	L 50	-	10	L 10	23
	SILVER	UG/L	8	L 2	75	21	19	350
	THALLIUM	UG/L	L 50	L 50	-	2	L 1	1
	ZINC	UG/L	305	54	82	170000	41000	21000
NON-CONV. METALS	ALUMINUM	UG/L	1520	150	90	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	121	40	67	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	87	80	8	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	2117	234	89	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	29	26	10	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	115	99	14	NOT RUN	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/26 0800 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	FILTER FILTRATE	FLOTABLES	TAP WATER
CONVENTIONALS	BOD	MG/L	NOT RUN	NOT RUN	1100	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	NOT RUN	NOT RUN	4100	NOT RUN
	COD	MG/L	NOT RUN	NOT RUN	15000	NOT RUN
	OIL & GREASE	MG/L	NOT RUN	NOT RUN	52200	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	NOT RUN	NOT RUN	60	NOT RUN
	TOTAL SOLIDS	MG/L	NOT RUN	NOT RUN	6800	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	NOT RUN	NOT RUN	5600	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	NOT RUN	NOT RUN	3500	NOT RUN
	AMMONIA NITROGEN	MG/L	NOT RUN	NOT RUN	6	NOT RUN
	TOC	MG/L	NOT RUN	NOT RUN	1700	NOT RUN
VOLATILES	BENZENE	UG/L	NOT RUN	NOT RUN	30	NOT RUN
	ETHYLBENZENE	UG/L	NOT RUN	NOT RUN	35	NOT RUN
	METHYLENE CHLORIDE	UG/L	NOT RUN	NOT RUN	250	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	NOT RUN	NOT RUN	20	NOT RUN
	TETRACHLOROETHYLENE	UG/L	NOT RUN	NOT RUN	170	NOT RUN
	TOLUENE	UG/L	NOT RUN	NOT RUN	160	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	NOT RUN	NOT RUN	210	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	NOT RUN	NOT RUN	260	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	NOT RUN	NOT RUN	110	NOT RUN
	ANTHRACENE	UG/L	NOT RUN	NOT RUN	560	NOT RUN
	PHENANTHRENE	UG/L	NOT RUN	NOT RUN	560	NOT RUN
	PYRENE	UG/L	NOT RUN	NOT RUN	86	NOT RUN
METALS	ARSENIC	UG/L	NOT RUN	NOT RUN	10	NOT RUN
	CADMIUM	UG/L	NOT RUN	NOT RUN	16	NOT RUN
	CHROMIUM	UG/L	NOT RUN	NOT RUN	1400	NOT RUN
	COPPER	UG/L	NOT RUN	NOT RUN	1200	NOT RUN
	LEAD	UG/L	NOT RUN	NOT RUN	10	NOT RUN
	NICKEL	UG/L	NOT RUN	NOT RUN	240	NOT RUN
	SILVER	UG/L	NOT RUN	NOT RUN	8	NOT RUN
	THALLIUM	UG/L	NOT RUN	NOT RUN	2	NOT RUN
	ZINC	UG/L	NOT RUN	NOT RUN	4200	NOT RUN

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N-D-NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/27 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	253	13	95	13000	6900	2800
	TOTAL SUSP. SOLIDS	MG/L	117	9	92	57000	24000	7600
	COD	MG/L	450	64	86	32000	24000	5500
	OIL & GREASE	MG/L	37	7	81	6410	NOT RUN	733
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	70	34	51	452	NOT RUN	56
	TOTAL SOLIDS	MG/L	980	830	15	57000	27000	6600
	TOTAL VOLATILE SOLIDS	MG/L	207	830	-	27000	13000	3500
	TOTAL VOL. SUS. SOLIDS	MG/L	81	6	93	30000	12000	6200
	AMMONIA NITROGEN	MG/L	7	5	29	42	29	8
	TOC	MG/L	297	67	77	21000	11000	3000
VOLATILES	BENZENE	UG/L	7	3	57	25	NOT RUN	L 5
	CARBON TETRACHLORIDE	UG/L	L 5	L 5	-	30	NOT RUN	25
	CHLOROBENZENE	UG/L	2	L 5	-	L 5	NOT RUN	L 5
	1,1,1-TRICHLOROETHANE	UG/L	65	4	94	80	NOT RUN	L 5
	1,1-DICHLOROETHANE	UG/L	3	L 5	-	L 5	NOT RUN	L 5
	CHLOROFORM	UG/L	15	5	67	L 5	NOT RUN	L 5
	1,1-DICHLOROETHYLENE	UG/L	5	3	40	L 5	NOT RUN	L 5
	1,2-TRANS-DICHLOROETHYLENE	UG/L	6	1	83	45	NOT RUN	L 5
	ETHYLBENZENE	UG/L	16	6	63	270	NOT RUN	L 5
	METHYLENE CHLORIDE	UG/L	29	7	76	250	NOT RUN	250
	DICHLOROBROMOMETHANE	UG/L	L 5	1	-	85	NOT RUN	55
	CHLORODIBROMOMETHANE	UG/L	L 5	L 5	-	55	NOT RUN	70
	TETRACHLOROETHYLENE	UG/L	33	5	85	300	NOT RUN	5
	TOLUENE	UG/L	31	5	84	290	NOT RUN	L 5
	TRICHLOROETHYLENE	UG/L	15	5	67	290	NOT RUN	L 5
ACID EXTRACT	PARACHLOROMETA CRESOL	UG/L	2	L 50	-	L 50	NOT RUN	L 50
	2,4-DIMETHYLPHENOL	UG/L	L 50	5	-	L 50	NOT RUN	L 50
	PENTACHLOROPHENOL	UG/L	2	L 50	-	L 50	NOT RUN	L 50
	PHENOL	UG/L	3	5	-	L 50	NOT RUN	L 50
BASE-NEUTRALS	ACENAPHTHENE	UG/L	2	L 10	-	L 10	NOT RUN	L 10
	1,2-DICHLOROBENZENE	UG/L	2	5	-	L 10	NOT RUN	L 10
	1,3-DICHLOROBENZENE	UG/L	2	L 10	-	L 10	NOT RUN	L 10
	1,4-DICHLOROBENZENE	UG/L	3	5	-	L 10	NOT RUN	L 10
	3,3'-DICHLOROBENZIDINE	UG/L	L 25	5	-	L 25	NOT RUN	L 25
	FLUORANTHENE	UG/L	L 10	5	-	L 10	NOT RUN	L 10
	BIS(2-CHLOROETHYOXY) METHANE	UG/L	2	L 25	-	L 25	NOT RUN	L 25
	NAPHTHALENE	UG/L	5	5	-	160	NOT RUN	L 10
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	5	21	-	700	NOT RUN	40
	BUTYL BENZYL PHTHALATE	UG/L	2	L 10	-	L 10	NOT RUN	L 10
	DI-N-BUTYL PHTHALATE	UG/L	3	5	-	L 10	NOT RUN	L 10
	DI-N-OCTYL PHTHALATE	UG/L	L 10	5	-	L 10	NOT RUN	L 10
	DIETHYL PHTHALATE	UG/L	2	5	-	L 10	NOT RUN	L 10
	DIMETHYL PHTHALATE	UG/L	3	5	-	L 10	NOT RUN	L 10
	1,2-BENZANTHRACENE	UG/L	L 10	5	-	280	NOT RUN	L 10
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	300	NOT RUN	L 5
	CHRYSENE	UG/L	L 10	5	-	280	NOT RUN	L 10

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/07/27
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/27 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
BASE-NEUTRALS	ANTHRACENE	UG/L	3	5	-	950	NOT RUN	L 10
	FLUORENE	UG/L	2	5	-	L 10	NOT RUN	L 10
	PHENANTHRENE	UG/L	3	5	-	950	NOT RUN	L 10
	1,2:5,6-DIBENZANTHRACENE	UG/L	L 50	5	-	L 50	NOT RUN	L 50
	INDENO(1,2,3-C,D) PYRENE	UG/L	L 50	5	-	L 50	NOT RUN	L 50
	PYRENE	UG/L	2	5	-	280	NOT RUN	L 10
METALS	ANTIMONY	UG/L	L 50	L 50	-	23	130	28
	ARSENIC	UG/L	L 50	L 50	-	510	150	70
	BERYLLIUM	UG/L	L 2	L 2	-	3	11	7
	CADMIUM	UG/L	20	3	85	720	730	450
	CHROMIUM	UG/L	693	38	95	34000	22000	9000
	COPPER	UG/L	217	15	93	51000	25000	12000
	CYANIDE	UG/L	28	7	75	645	NOT RUN	110
	LEAD	UG/L	55	L 20	64	44000	17000	1200
	MERCURY	NG/L	200	900	-	L 3000	L 3000	L 3000
	NICKEL	UG/L	150	45	70	8900	4700	16000
	SELENIUM	UG/L	L 50	L 50	-	L 10	L 10	45
	SILVER	UG/L	9	L 2	78	24	94	82
	THALLIUM	UG/L	L 50	L 50	-	2	2	1
	ZINC	UG/L	311	39	87	110000	47000	17000
NON-CONV. METALS	ALUMINUM	UG/L	1395	144	90	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	127	42	67	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	84	84	-	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	2211	217	90	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	30	29	3	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	104	114	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/07/27
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DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/27 0800 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	FILTER FILTRATE	FLOTABLES	TAP WATER
CONVENTIONALS	BOD	MG/L	24	1000	1900	L 1
	TOTAL SUSP. SOLIDS	MG/L	10	310	2300	L 1
	COD	MG/L	66	2400	4400	9
	OIL & GREASE	MG/L	NOT RUN	18	18000	5
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	NOT RUN	380	109	L 2
	TOTAL SOLIDS	MG/L	830	1900	6600	440
	TOTAL VOLATILE SOLIDS	MG/L	120	840	3500	130
	TOTAL VOL. SUS. SOLIDS	MG/L	7	120	2100	L 1
	AMMONIA NITROGEN	MG/L	5	79	7	1
	TOC	MG/L	63	1000	1200	22
VOLATILES	ACRYLONITRILE	UG/L	L 100	L 100	15	L 100
	BENZENE	UG/L	L 5	L 5	5	5
	CARBON TETRACHLORIDE	UG/L	L 5	L 5	10	5
	1,1,1-TRICHLOROETHANE	UG/L	5	L 5	L 5	L 5
	CHLOROFORM	UG/L	5	5	L 5	1500
	1,1-DICHLOROETHYLENE	UG/L	5	L 5	L 5	5
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 5	5	L 5	L 5
	ETHYLBENZENE	UG/L	L 5	5	10	L 5
	METHYLENE CHLORIDE	UG/L	5	5	200	49
	DICHLOROBROMOMETHANE	UG/L	L 5	L 5	55	39
	CHLORODIBROMOMETHANE	UG/L	L 5	L 5	60	L 5
	TETRACHLOROETHYLENE	UG/L	5	5	10	5
	TOLUENE	UG/L	5	5	30	5
	TRICHLOROETHYLENE	UG/L	4	5	25	L 5
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	5	L 50	L 50	L 50
	PHENOL	UG/L	5	30	L 50	5
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 10	L 10	390	L 10
	NAPHTHALENE	UG/L	L 10	L 10	330	L 10
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	36	10	850	5
	BUTYL BENZYL PHTHALATE	UG/L	L 10	L 10	550	L 10
	DI-N-BUTYL PHTHALATE	UG/L	5	5	L 10	5
	1,2-BENZANTHRACENE	UG/L	L 10	L 10	240	L 10
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	490	L 5
	CHRYSENE	UG/L	L 10	L 10	240	L 10
	ACENAPHTHYLENE	UG/L	L 10	5	L 10	L 10
	ANTHRACENE	UG/L	L 10	5	2200	L 10
	FLUORENE	UG/L	L 10	5	L 10	L 10
	PHENANTHRENE	UG/L	L 10	5	2200	L 10
	PYRENE	UG/L	L 10	L 10	370	L 10
METALS	ANTIMONY	UG/L	L 50	L 10	L 10	15
	ARSENIC	UG/L	L 50	4	L 10	L 2
	CADMIUM	UG/L	L 2	9	62	71
	CHROMIUM	UG/L	44	400	2400	L 2
	COPPER	UG/L	16	250	2400	L 2
	LEAD	UG/L	L 20	L 10	80	6

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/07/27
L-LESS THAN; G-GREATER THAN; T-TRACE; I OR J-INTERFERENCE; U-UNCONFIRMED;
N D-NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/27 0800 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	FILTER FILTRATE	FLOT ABLES	TAP WATER
METALS	MERCURY	NG/L	900	L 2000	L 2000	67000
	NICKEL	UG/L	58	180	350	59
	SILVER	UG/L	L 2	L 5	23	234
	THALLIUM	UG/L	L 50	L 1	2	L 50
	ZINC	UG/L	39	860	2500	L 50
NON-CONV. METALS	BARIUM	UG/L	NOT RUN	NOT RUN	NOT RUN	201
	MAGNESIUM	MG/L	NOT RUN	NOT RUN	NOT RUN	42
	MANGANESE	UG/L	NOT RUN	NOT RUN	NOT RUN	42

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L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D-NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/28 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	313	12	96	24000	3500	1700
	TOTAL SUSP. SOLIDS	MG/L	110	8	93	57000	20000	8700
	COD	MG/L	510	74	85	74000	15000	11000
	OIL & GREASE	MG/L	59	6	90	8460	NOT RUN	422
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	63	27	57	477	NOT RUN	47
	TOTAL SOLIDS	MG/L	1007	940	7	59000	14800	6800
	TOTAL VOLATILE SOLIDS	MG/L	232	170	27	28000	7500	3800
	TOTAL VOL. SUS. SOLIDS	MG/L	77	8	90	26000	6100	6200
	AMMONIA NITROGEN	MG/L	7	6	14	90	23	8
	TOC	MG/L	290	50	83	19000	6200	3200
VOLATILES	ACRYLONITRILE	UG/L	L 100	L 100	-	L 100	NOT RUN	20
	BENZENE	UG/L	5	3	40	10	NOT RUN	L 5
	CARBON TETRACHLORIDE	UG/L	7	L 5	29	L 5	NOT RUN	15
	1,1,1-TRICHLOROETHANE	UG/L	13	4	69	30	NOT RUN	L 5
	1,1-DICHLOROETHANE	UG/L	2	L 5	-	L 5	NOT RUN	L 5
	CHLOROFORM	UG/L	159	36	77	L 5	NOT RUN	L 5
	1,1-DICHLOROETHYLENE	UG/L	3	4	-	L 5	NOT RUN	L 5
	1,2-TRANS-DICHLOROETHYLENE	UG/L	5	4	20	L 5	NOT RUN	L 5
	ETHYLBENZENE	UG/L	24	5	79	310	NOT RUN	3
	METHYLENE CHLORIDE	UG/L	7	5	29	250	NOT RUN	250
	DICHLOROBROMOMETHANE	UG/L	L 5	3	-	35	NOT RUN	50
	CHLORODIBROMOMETHANE	UG/L	L 5	L 5	-	L 5	NOT RUN	75
	TETRACHLOROETHYLENE	UG/L	18	7	61	350	NOT RUN	5
	TOLUENE	UG/L	37	5	86	320	NOT RUN	5
	TRICHLOROETHYLENE	UG/L	87	5	94	320	NOT RUN	L 5
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	2	L 50	-	L 50	L 50	560
	PHENOL	UG/L	13	5	62	450	L 50	340
BASE-NEUTRALS	ACENAPHTHENE	UG/L	2	L 10	-	110	110	L 10
	1,2-DICHLOROBENZENE	UG/L	2	L 10	-	L 10	L 10	L 10
	1,3-DICHLOROBENZENE	UG/L	3	L 10	-	L 10	L 10	L 10
	NAPHTHALENE	UG/L	5	5	-	L 10	L 10	L 10
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	5	5	-	2400	2100	L 10
	DI-N-BUTYL PHTHALATE	UG/L	5	5	-	L 10	L 10	L 10
	DIETHYL PHTHALATE	UG/L	5	L 10	-	L 10	L 10	L 10
	DIMETHYL PHTHALATE	UG/L	3	L 10	-	L 10	L 10	L 10
	1,2-BENZANTHRACENE	UG/L	L 10	L 10	-	420	390	L 10
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	600	L 5	L 5
	CHRYSENE	UG/L	L 10	L 10	-	420	390	L 10
	ANTHRACENE	UG/L	3	L 10	-	1400	1200	16
	FLUORENE	UG/L	2	L 10	-	240	500	L 10
	PHENANTHRENE	UG/L	3	L 10	-	1400	1200	16
	PYRENE	UG/L	2	L 10	-	650	420	L 10
METALS	ANTIMONY	UG/L	L 50	L 50	-	190	62	26
	ARSENIC	UG/L	L 50	L 50	-	440	150	71
	BERYLLIUM	UG/L	L 2	L 2	-	36	11	5

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DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/28 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	CADMIUM	UG/L	14	3	79	1500	810	120
	CHROMIUM	UG/L	518	38	93	9000	18000	6500
	COPPER	UG/L	159	14	91	96000	24000	8000
	CYANIDE	UG/L	16	4	75	340	NOT RUN	108
	LEAD	UG/L	53	L 20	62	47000	6500	1300
	MERCURY	NG/L	400	200	50	L 4000	L 3000	L 2000
	NICKEL	UG/L	114	50	56	18000	1600	900
	SILVER	UG/L	14	L 2	86	20	110	250
	THALLIUM	UG/L	L 50	L 50	-	1	2	L 1
	ZINC	UG/L	337	48	86	18000	42000	13000
NON-CONV. METALS	ALUMINUM	UG/L	1170	174	85	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	144	45	69	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	86	86	-	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1814	394	78	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	28	31	-	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	97	122	-	NOT RUN	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/28 0800 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	FILTER FILTRATE	FLOTABLES	TAP WATER
CONVENTIONALS	BOD	MG/L	20	NOT RUN	900	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	9	NOT RUN	2030	NOT RUN
	COD	MG/L	71	NOT RUN	2400	NOT RUN
	OIL & GREASE	MG/L	NOT RUN	NOT RUN	2240	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	NOT RUN	NOT RUN	84	NOT RUN
	TOTAL SOLIDS	MG/L	840	NOT RUN	4300	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	140	NOT RUN	3200	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	8	NOT RUN	1740	NOT RUN
	AMMONIA NITROGEN	MG/L	57	NOT RUN	7	NOT RUN
	TOC	MG/L	46	NOT RUN	900	NOT RUN
VOLATILES	BENZENE	UG/L	3	NOT RUN	L 5	NOT RUN
	CARBON TETRACHLORIDE	UG/L	L 5	NOT RUN	40	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	5	NOT RUN	L 5	NOT RUN
	CHLOROFORM	UG/L	57	NOT RUN	L 5	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	2	NOT RUN	L 5	NOT RUN
	ETHYLBENZENE	UG/L	L 5	NOT RUN	10	NOT RUN
	METHYLENE CHLORIDE	UG/L	5	NOT RUN	250	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 5	NOT RUN	65	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	L 5	NOT RUN	65	NOT RUN
	TETRACHLOROETHYLENE	UG/L	5	NOT RUN	20	NOT RUN
	TOLUENE	UG/L	5	NOT RUN	30	NOT RUN
	TRICHLOROETHYLENE	UG/L	5	NOT RUN	45	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	5	NOT RUN	L 50	NOT RUN
	PHENOL	UG/L	5	NOT RUN	48	NOT RUN
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 10	NOT RUN	35	NOT RUN
	NAPHTHALENE	UG/L	L 10	NOT RUN	39	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	5	NOT RUN	L 10	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 10	NOT RUN	49	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	L 5	NOT RUN	95	NOT RUN
	CHRYSENE	UG/L	L 10	NOT RUN	49	NOT RUN
	ANTHRACENE	UG/L	L 10	NOT RUN	280	NOT RUN
	PHENANTHRENE	UG/L	L 10	NOT RUN	280	NOT RUN
	PYRENE	UG/L	L 10	NOT RUN	70	NOT RUN
METALS	CADMIUM	UG/L	4	NOT RUN	21	NOT RUN
	CHROMIUM	UG/L	49	NOT RUN	1450	NOT RUN
	COPPER	*UG/L	13	NOT RUN	850	NOT RUN
	LEAD	UG/L	L 20	NOT RUN	340	NOT RUN
	NICKEL	UG/L	44	NOT RUN	370	NOT RUN
	SILVER	UG/L	L 2	NOT RUN	14	NOT RUN
	THALLIUM	UG/L	L 50	NOT RUN	2	NOT RUN
	ZINC	UG/L	54	NOT RUN	950	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	135	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	41	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	88	NOT RUN	NOT RUN	NOT RUN

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D.N.=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/28 0800 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	FILTER FILTRATE	FLOTABLES	TAP WATER
NON-CONV. METALS	IRON	UG/L	290	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	31	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	119	NOT RUN	NOT RUN	NOT RUN

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N.D.-NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	210	NOT RUN	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	115	NOT RUN	-	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	440	NOT RUN	-	NOT RUN	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	47	6	87	8340	NOT RUN	L 443
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	920	12	99	602	NOT RUN	29
	TOTAL SOLIDS	MG/L	840	NOT RUN	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	185	NOT RUN	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	91	NOT RUN	-	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	11	NOT RUN	-	NOT RUN	NOT RUN	NOT RUN
	TOC	MG/L	279	NOT RUN	-	NOT RUN	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	4	3	25	350	NOT RUN	L 5
	1,1,1-TRICHLOROETHANE	UG/L	13	3	77	30	NOT RUN	L 5
	1,1-DICHLOROETHANE	UG/L	3	L 5	-	L 5	NOT RUN	L 5
	1,1,2-TRICHLOROETHANE	UG/L	1	L 3	-	L 5	NOT RUN	L 5
	CHLOROFORM	UG/L	73	27	63	L 5	NOT RUN	L 5
	1,1-DICHLOROETHYLENE	UG/L	4	2	50	L 5	NOT RUN	L 5
	1,2-TRANS-DICHLOROETHYLENE	UG/L	5	1	80	95	NOT RUN	L 5
	1,2-DICHLOROPROPANE	UG/L	1	L 5	-	L 5	NOT RUN	L 5
	ETHYLBENZENE	UG/L	20	3	85	390	NOT RUN	20
	METHYLENE CHLORIDE	UG/L	5	5	-	250	NOT RUN	250
	DICHLOROBROMOMETHANE	UG/L	L 5	2	-	90	NOT RUN	100
	TRICHLOROFLUOROMETHANE	UG/L	L 5	2	-	L 5	NOT RUN	L 5
	CHLORODIBROMOMETHANE	UG/L	L 5	L 5	-	45	NOT RUN	35
	TETRACHLOROETHYLENE	UG/L	14	2	86	410	NOT RUN	10
	TOLUENE	UG/L	21	3	86	390	NOT RUN	10
	TRICHLOROETHYLENE	UG/L	21	2	90	390	NOT RUN	L 5
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	2	L 50	-	L 50	90	L 50
	PHENOL	UG/L	3	5	-	L 50	200	L 50
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	3	L 10	-	L 10	L 10	L 10
	1,3-DICHLOROBENZENE	UG/L	L 10	5	-	L 10	L 10	L 10
	1,4-DICHLOROBENZENE	UG/L	3	L 10	-	L 10	L 10	L 10
	FLUORANTHENE	UG/L	2	5	-	L 10	L 10	L 10
	NAPHTHALENE	UG/L	2	L 10	-	L 10	75	L 10
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	14	5	64	L 10	320	170
	BUTYL BENZYL PHTHALATE	UG/L	2	5	-	L 10	L 10	L 10
	DI-N-BUTYL PHTHALATE	UG/L	3	L 10	-	L 10	L 10	L 10
	DIETHYL PHTHALATE	UG/L	3	L 10	-	L 10	L 10	L 10
	DIMETHYL PHTHALATE	UG/L	2	L 10	-	L 10	L 10	L 10
	1,2-BENZANTHRACENE	UG/L	2	L 10	-	L 10	91	L 10
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	L 5	91	L 5
	CHRYSENE	UG/L	2	L 10	-	L 10	91	L 10
	ANTHRACENE	UG/L	5	L 10	-	L 10	240	L 10
	1,12-BENZOPERYLENE	UG/L	2	L 25	-	L 25	L 25	L 25
	FLUORENE	UG/L	2	L 10	-	L 10	L 10	L 10
	PHENANTHRENE	UG/L	5	L 10	-	L 10	240	L 10
	1,2,5,6-DIBENZANTHRACENE	UG/L	2	L 50	-	L 50	L 50	L 50

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/07/29
(L-LESS THAN; G-GREATER THAN; T-TRACE; I OR J-INTERFERENCE; U-UNCONFIRMED)

DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
BASE-NEUTRALS	INDENO(1,2,3-C,D) PYRENE	UG/L	2	L 50	-	L 50	L 50	L 50
	PYRENE	UG/L	L 10	5	-	L 10	71	L 10
METALS	ANTIMONY	UG/L	L 50	L 50	-	160	42	21
	ARSENIC	UG/L	L 50	L 50	-	470	180	61
	BERYLLIUM	UG/L	L 2	L 2	-	32	6	34
	CADMIUM	UG/L	22	7	68	1200	150	300
	CHROMIUM	UG/L	379	29	92	6000	10000	11000
	COPPER	UG/L	144	14	90	65000	12000	8000
	CYANIDE	UG/L	17	7	59	918	NOT RUN	136
	LEAD	UG/L	54	L 20	63	45000	5300	690
	MERCURY	NG/L	267	200	25	L 3000	L 2000	L 2000
	NICKEL	UG/L	79	43	46	11000	1800	1200
	SELENIUM	UG/L	L 50	L 50	-	L 10	L 10	23
	SILVER	UG/L	9	L 2	78	28	52	230
	THALLIUM	UG/L	L 50	L 50	-	3	L 1	2
	ZINC	UG/L	249	151	39	160000	27000	1300
NON-CONV. METALS	ALUMINUM	UG/L	1673	188	89	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	141	53	62	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	96	88	8	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1597	340	79	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	31	30	3	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	107	139	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/07/29
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DAILY ANALYTICAL RESULTS

PLANT 1

SAMPLE DATE ENDING 78/07/29 0800 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	FILTER FILTRATE	FLOTABLES	TAP WATER
CONVENTIONALS	OIL & GREASE	MG/L	NOT RUN	NOT RUN	1700	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	NOT RUN	NOT RUN	83	NOT RUN
VOLATILES	BENZENE	UG/L	L 5	NOT RUN	25	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	5	NOT RUN	15	NOT RUN
	CHLOROFORM	UG/L	7	NOT RUN	L 5	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	1	NOT RUN	L 5	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 5	NOT RUN	15	NOT RUN
	ETHYLBENZENE	UG/L	L 5	NOT RUN	25	NOT RUN
	METHYLENE CHLORIDE	UG/L	5	NOT RUN	250	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 5	NOT RUN	200	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	L 5	NOT RUN	25	NOT RUN
	TETRACHLOROETHYLENE	UG/L	5	NOT RUN	45	NOT RUN
	TOLUENE	UG/L	5	NOT RUN	35	NOT RUN
	TRICHLOROETHYLENE	UG/L	5	NOT RUN	30	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	5	NOT RUN	1400	NOT RUN
	PHENOL	UG/L	5	NOT RUN	L 50	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	5	NOT RUN	49	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 10	NOT RUN	20	NOT RUN
	CHRYSENE	UG/L	L 10	NOT RUN	20	NOT RUN
	ANTHRACENE	UG/L	L 10	NOT RUN	66	NOT RUN
	FLUORENE	UG/L	L 10	NOT RUN	16	NOT RUN
	PHENANTHRENE	UG/L	L 10	NOT RUN	66	NOT RUN
	PYRENE	UG/L	L 10	NOT RUN	14	NOT RUN
METALS	CADMIUM	UG/L	6	NOT RUN	38	NOT RUN
	CHROMIUM	UG/L	34	NOT RUN	18000	NOT RUN
	COPPER	UG/L	9	NOT RUN	1200	NOT RUN
	LEAD	UG/L	L 20	NOT RUN	14	NOT RUN
	NICKEL	UG/L	47	NOT RUN	260	NOT RUN
	SILVER	UG/L	L 2	NOT RUN	28	NOT RUN
	THALLIUM	UG/L	L 50	NOT RUN	2	NOT RUN
	ZINC	UG/L	34	NOT RUN	1600	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	139	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	48	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	84	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	287	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	28	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	129	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/07/29
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D-NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	75	14	81	9600	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	55	10	82	17000	NOT RUN
	COD	MG/L	180	40	78	31000	NOT RUN
	OIL & GREASE	MG/L	19	10	47	3430	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	10	3	70	555	NOT RUN
	TOTAL SOLIDS	MG/L	510	490	4	23000	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	120	140	-	15000	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	27	3	89	11000	NOT RUN
	AMMONIA NITROGEN	MG/L	10	480	-	86000	NOT RUN
	TOC	MG/L	70	22	69	9700	NOT RUN
VOLATILES	ACRYLONITRILE	UG/L	L 100	L 100	-	290	NOT RUN
	BENZENE	UG/L	6	3	50	80	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	3	L 5	-	L 5	NOT RUN
	1,1-DICHLOROETHANE	UG/L	1	L 5	-	L 5	NOT RUN
	CHLOROFORM	UG/L	3	5	-	L 5	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	L 5	1	-	L 5	NOT RUN
	ETHYLBENZENE	UG/L	1	L 5	-	L 5	NOT RUN
	METHYLENE CHLORIDE	UG/L	33	4	88	250	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	1	3	-	110	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	L 5	4	-	10	NOT RUN
	TETRACHLOROETHYLENE	UG/L	5	4	20	100	NOT RUN
	TOLUENE	UG/L	4	4	-	500	NOT RUN
	TRICHLOROETHYLENE	UG/L	2	1	50	L 5	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	L 50	5	-	L 50	NOT RUN
	PHENOL	UG/L	5	5	-	L 50	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	5	L 10	-	L 10	NOT RUN
	NAPHTHALENE	UG/L	L 10	L 10	-	17	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	19	5	74	210	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	10	-	10	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	5	L 10	-	L 10	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	L 10	-	L 10	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	22	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	310	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	15	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	90	NOT RUN
	CHROMIUM	UG/L	12	8	33	4800	NOT RUN
	COPPER	UG/L	39	6	85	9800	NOT RUN
	CYANIDE	UG/L	19	94	-	858	NOT RUN
	LEAD	UG/L	L 20	L 20	-	5500	NOT RUN
	MERCURY	NG/L	300	L 200	33	L 3000	NOT RUN
	NICKEL	UG/L	11	11	-	500	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	35	NOT RUN
	SILVER	UG/L	L 2	L 2	-	17	NOT RUN
	ZINC	UG/L	111	37	67	21000	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/08/07
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/07 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L		262	68	74	NOT RUN	NOT RUN
	BARIUM	UG/L		57	27	53	NOT RUN	NOT RUN
	CALCIUM	MG/L	L	75	68	-	NOT RUN	NOT RUN
	IRON	UG/L		1100	217	80	NOT RUN	NOT RUN
	MANGANESE	UG/L		298	145	51	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/08/07
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/07 0800 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	16	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	10	NOT RUN	NOT RUN
	COD	MG/L	45	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL SOLIDS	MG/L	480	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	140	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	3	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	480	NOT RUN	NOT RUN
	TOC	MG/L	31	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	3	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	4	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	3	NOT RUN	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	2	NOT RUN	NOT RUN
	TRICHLOROFLUOROMETHANE	UG/L	1	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	2	NOT RUN	NOT RUN
	TOLUENE	UG/L	3	NOT RUN	NOT RUN
ACID EXTRACT	2-NITROPHENOL	UG/L	5	NOT RUN	NOT RUN
	4-NITROPHENOL	UG/L	5	NOT RUN	NOT RUN
	PHENOL	UG/L	1	NOT RUN	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	5	NOT RUN	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	10	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/08/07
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DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/08 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	96	18	81	12000	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	90	3	97	19000	NOT RUN
	COD	MG/L	190	30	84	28000	NOT RUN
	OIL & GREASE	MG/L	28	6	79	3330	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	14	4	71	443	NOT RUN
	TOTAL SOLIDS	MG/L	540	520	4	25000	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	160	160	-	16000	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	54	2	96	11000	NOT RUN
	AMMONIA NITROGEN	MG/L	14	1	93	92	NOT RUN
	TOC	MG/L	68	22	68	12000	NOT RUN
VOLATILES	BENZENE	UG/L	5	3	40	50	NOT RUN
	CHLOROBENZENE	UG/L	1	L 5	-	L 5	NOT RUN
	1,2-DICHLOROETHANE	UG/L	3	1	67	L 5	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	1	L 5	-	L 5	NOT RUN
	CHLOROFORM	UG/L	5	4	20	L 4	NOT RUN
	ETHYLBENZENE	UG/L	4	2	50	L 5	NOT RUN
	METHYLENE CHLORIDE	UG/L	3	5	-	230	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	1	3	-	120	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	1	2	-	55	NOT RUN
	TETRACHLOROETHYLENE	UG/L	5	1	80	75	NOT RUN
	TOLUENE	UG/L	4	5	-	500	NOT RUN
	TRICHLOROETHYLENE	UG/L	1	L 5	-	L 5	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	5	L 50	-	L 50	NOT RUN
	PHENOL	UG/L	5	5	-	L 50	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	5	L 10	-	L 10	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	5	5	-	L 10	NOT RUN
	FLUORANTHENE	UG/L	5	L 10	-	L 10	NOT RUN
	NAPHTHALENE	UG/L	5	L 10	-	L 10	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	5	5	-	640	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	5	-	L 10	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	5	5	-	L 10	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	5	L 10	-	L 10	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	L 10	-	L 10	NOT RUN
	DIMETHYL PHTHALATE	UG/L	5	L 10	-	L 10	NOT RUN
	ANTHRACENE	UG/L	L 10	L 10	-	240	NOT RUN
	PHENANTHRENE	UG/L	L 10	L 10	-	240	NOT RUN
	PYRENE	UG/L	5	L 10	-	L 10	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	46	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	75	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	15	NOT RUN
	CADMIUM	UG/L	7	L 2	71	490	NOT RUN
	CHROMIUM	UG/L	68	15	78	7000	NOT RUN
	COPPER	UG/L	56	24	57	5200	NOT RUN
	CYANIDE	UG/L	57	198	-	1420	NOT RUN
	LEAD	UG/L	32	20	38	4800	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/08/08
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/08 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	MERCURY	NG/L	L 200	200	-	L 2000	NOT RUN
	NICKEL	UG/L	49	20	59	2400	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	33	NOT RUN
	SILVER	UG/L	6	3	50	36	NOT RUN
	ZINC	UG/L	303	43	86	30000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	493	60	88	NOT RUN	NOT RUN
	BARIUM	UG/L	75	27	64	NOT RUN	NOT RUN
	CALCIUM	MG/L	71	70	1	NOT RUN	NOT RUN
	IRON	UG/L	1490	233	84	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	15	15	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	274	101	63	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/08/08
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DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/08 0800 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	22	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	19	NOT RUN	NOT RUN
	COD	MG/L	55	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL SOLIDS	MG/L	500	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	140	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	6	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	1	NOT RUN	NOT RUN
	TOC	MG/L	24	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	2	NOT RUN	NOT RUN
	CHLOROBENZENE	UG/L	1	NOT RUN	NOT RUN
	1,2-DICHLOROETHANE	UG/L	2	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	5	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	2	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	5	NOT RUN	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	2	NOT RUN	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	2	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	3	NOT RUN	NOT RUN
	TOLUENE	UG/L	4	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	1	NOT RUN	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	5	NOT RUN	NOT RUN
	PHENOL	UG/L	5	NOT RUN	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	12	NOT RUN	NOT RUN
METALS	CHROMIUM	UG/L	21	NOT RUN	NOT RUN
	COPPER	UG/L	13	NOT RUN	NOT RUN
	NICKEL	UG/L	23	NOT RUN	NOT RUN
	ZINC	UG/L	81	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	87	NOT RUN	NOT RUN
	BARIUM	UG/L	29	NOT RUN	NOT RUN
	CALCIUM	MG/L	68	NOT RUN	NOT RUN
	IRON	UG/L	265	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	15	NOT RUN	NOT RUN
	MANGANESE	UG/L	188	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/08/08
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	100	14	86	3600	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	87	11	87	14000	NOT RUN
	COD	MG/L	180	41	77	27000	NOT RUN
	OIL & GREASE	MG/L	25	7	72	2700	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	23	L 2	91	290	NOT RUN
	TOTAL SOLIDS	MG/L	670	690	-	16000	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	140	220	-	11000	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	42	8	81	9700	NOT RUN
	AMMONIA NITROGEN	MG/L	9	2	78	2500	NOT RUN
	TOC	MG/L	69	20	71	6800	NOT RUN
VOLATILES	BENZENE	UG/L	5	16	-	50	NOT RUN
	1,2-DICHLOROETHANE	UG/L	2	4	-	L 5	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	1	2	-	L 5	NOT RUN
	CHLOROFORM	UG/L	5	5	-	L 5	NOT RUN
	ETHYLBENZENE	UG/L	3	1	67	L 5	NOT RUN
	METHYLENE CHLORIDE	UG/L	5	5	-	250	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 5	2	-	90	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	L 5	2	-	L 5	NOT RUN
	TETRACHLOROETHYLENE	UG/L	5	4	20	30	NOT RUN
	TOLUENE	UG/L	3	3	-	390	NOT RUN
	TRICHLOROETHYLENE	UG/L	2	L 5	-	L 5	NOT RUN
ACID EXTRACT	2-NITROPHENOL	UG/L	L 50	5	-	L 50	NOT RUN
	4-NITROPHENOL	UG/L	L 50	5	-	L 50	NOT RUN
	PHENOL	UG/L	L 50	5	-	26	NOT RUN
BASE-NEUTRALS	1,3-DICHLOROBENZENE	UG/L	L 10	5	-	L 10	NOT RUN
	2,6-DINITROTOLUENE	UG/L	5	L 25	-	L 25	NOT RUN
	NAPHTHALENE	UG/L	5	5	-	L 10	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	19	5	74	790	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	L 10	-	L 10	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	5	5	-	L 10	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	5	L 10	-	L 10	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	L 10	-	L 10	NOT RUN
	DIMETHYL PHTHALATE	UG/L	5	L 10	-	L 10	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	14	NOT RUN
	ACENAPHTHYLENE	UG/L	L 10	5	-	L 10	NOT RUN
	ANTHRACENE	UG/L	L 10	L 10	-	35	NOT RUN
	PHENANTHRENE	UG/L	L 10	L 10	-	35	NOT RUN
	PYRENE	UG/L	L 10	L 10	-	14	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	30	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	58	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	3	NOT RUN
	CADMIUM	UG/L	4	L 2	50	100	NOT RUN
	CHROMIUM	UG/L	100	26	74	6000	NOT RUN
	COPPER	UG/L	58	9	84	6600	NOT RUN
	CYANIDE	UG/L	87	116	-	2030	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/08/09
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	LEAD	UG/L	L 20	L 20	-	3800	NOT RUN
	MERCURY	NG/L	400	200	50	L 3000	NOT RUN
	NICKEL	UG/L	48	25	48	1400	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	20	NOT RUN
	SILVER	UG/L	L 2	L 2	-	420	NOT RUN
	ZINC	UG/L	302	51	83	27000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	452	59	87	NOT RUN	NOT RUN
	BARIUM	UG/L	78	26	67	NOT RUN	NOT RUN
	CALCIUM	MG/L	67	68	-	NOT RUN	NOT RUN
	IRON	UG/L	1490	175	88	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	15	15	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	268	231	14	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/08/09
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
- = NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/09 0800 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	23	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	9	NOT RUN	NOT RUN
	COD	MG/L	39	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL SOLIDS	MG/L	600	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	120	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	7	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	2	NOT RUN	NOT RUN
	TOC	MG/L	23	NOT RUN	NOT RUN
VOLATILES	1,2-DICHLOROETHANE	UG/L	4	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	3	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	5	NOT RUN	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	1	NOT RUN	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	1	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	3	NOT RUN	NOT RUN
	TOLUENE	UG/L	1	NOT RUN	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	5	NOT RUN	NOT RUN
	PHENOL	UG/L	5	NOT RUN	NOT RUN
BASE-NEUTRALS	NAPHTHALENE	UG/L	5	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	5	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	µG/L	5	NOT RUN	NOT RUN
METALS	CHROMIUM	UG/L	25	NOT RUN	NOT RUN
	COPPER	UG/L	8	NOT RUN	NOT RUN
	MERCURY	NG/L	200	NOT RUN	NOT RUN
	NICKEL	UG/L	20	NOT RUN	NOT RUN
	ZINC	UG/L	68	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	58	NOT RUN	NOT RUN
	BARIUM	UG/L	27	NOT RUN	NOT RUN
	CALCIUM	MG/L	66	NOT RUN	NOT RUN
	IRON	UG/L	176	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	14	NOT RUN	NOT RUN
	MANGANESE	UG/L	234	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/08/09
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/10 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	110	18	84	3600	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	99	9	91	17000	NOT RUN
	COD	MG/L	150	42	72	29000	NOT RUN
	OIL & GREASE	MG/L	26	8	69	2400	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	37	4	89	467	NOT RUN
	TOTAL SOLIDS	MG/L	680	600	12	17000	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	200	150	25	11000	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	67	8	88	12000	NOT RUN
	AMMONIA NITROGEN	MG/L	9	2	78	75	NOT RUN
	TOC	MG/L	61	32	48	13000	NOT RUN
VOLATILES	BENZENE	UG/L	4	L 5	-	L 5	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	1	L 5	-	L 5	NOT RUN
	CHLOROFORM	UG/L	5	5	-	L 5	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	1	L 5	-	L 5	NOT RUN
	ETHYLBENZENE	UG/L	2	L 5	-	L 5	NOT RUN
	METHYLENE CHLORIDE	UG/L	8	5	38	250	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 5	2	-	65	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	L 5	2	-	L 5	NOT RUN
	TETRACHLOROETHYLENE	UG/L	5	3	40	L 5	NOT RUN
	TOLUENE	UG/L	4	3	25	430	NOT RUN
	TRICHLOROETHYLENE	UG/L	3	L 5	-	L 5	NOT RUN
ACID EXTRACT	2-NITROPHENOL	UG/L	L 50	5	-	L 50	NOT RUN
	PHENOL	UG/L	5	5	-	L 50	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	5	5	-	L 10	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	L 10	5	-	L 10	NOT RUN
	NAPHTHALENE	UG/L	5	L 10	-	L 10	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	5	5	-	4900	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	5	-	L 10	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	5	5	-	L 10	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	5	-	L 10	NOT RUN
	DIMETHYL PHTHALATE	UG/L	L 10	5	-	L 10	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	140	NOT RUN
	ACENAPHTHYLENE	UG/L	L 10	5	-	L 10	NOT RUN
	PYRENE	UG/L	L 10	L 10	-	160	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	36	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	83	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	15	NOT RUN
	CADMIUM	UG/L	9	L 2	78	410	NOT RUN
	CHROMIUM	UG/L	45	24	47	10000	NOT RUN
	COPPER	UG/L	57	8	86	12000	NOT RUN
	CYANIDE	UG/L	103	121	-	1340	NOT RUN
	LEAD	UG/L	L 20	L 20	-	4600	NOT RUN
	MERCURY	NG/L	200	L 200	-	L 2000	NOT RUN
	NICKEL	UG/L	21	23	-	1800	NOT RUN
	SILVER	UG/L	3	L 2	33	36	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/08/10
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/10 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	ZINC	UG/L	327	46	86	54000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	348	67	81	NOT RUN	NOT RUN
	BARIUM	UG/L	84	27	68	NOT RUN	NOT RUN
	CALCIUM	MG/L	67	65	3	NOT RUN	NOT RUN
	IRON	UG/L	1270	159	87	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	14	14	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	255	234	8	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/10 0800 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	20	NOT RUN	L 10
	TOTAL SUSP. SOLIDS	MG/L	12	NOT RUN	3
	COD	MG/L	46	NOT RUN	L 1
	OIL & GREASE	MG/L	NOT RUN	NOT RUN	7
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	NOT RUN	NOT RUN	6
	TOTAL SOLIDS	MG/L	240	NOT RUN	300
	TOTAL VOLATILE SOLIDS	MG/L	140	NOT RUN	85
	TOTAL VOL. SUS. SOLIDS	MG/L	8	NOT RUN	2
	AMMONIA NITROGEN	MG/L	1	NOT RUN	74
	TOC	MG/L	31	NOT RUN	22
VOLATILES	BENZENE	UG/L	2	NOT RUN	L 5
	CHLOROFORM	UG/L	4	NOT RUN	75
	ETHYLBENZENE	UG/L	1	NOT RUN	L 5
	METHYLENE CHLORIDE	UG/L	3	NOT RUN	30
	BROMOFORM	UG/L	L 5	NOT RUN	5
	DICHLORODBROMOMETHANE	UG/L	3	NOT RUN	L 5
	CHLORODIBROMOMETHANE	UG/L	2	NOT RUN	20
	TETRACHLOROETHYLENE	UG/L	3	NOT RUN	L 5
	TOLUENE	UG/L	4	NOT RUN	5
	TRICHLOROETHYLENE	UG/L	1	NOT RUN	L 5
ACID EXTRACT	2-NITROPHENOL	UG/L	5	NOT RUN	L 50
	4-NITROPHENOL	UG/L	5	NOT RUN	L 50
	PENTACHLOROPHENOL	UG/L	5	NOT RUN	L 50
	PHENOL	UG/L	5	NOT RUN	5
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	5	NOT RUN	5
	1,3-DICHLOROBENZENE	UG/L	5	NOT RUN	L 10
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	5	NOT RUN	5
	BUTYL BENZYL PHTHALATE	UG/L	5	NOT RUN	5
	DI-N-BUTYL PHTHALATE	UG/L	5	NOT RUN	5
	DIETHYL PHTHALATE	UG/L	L 10	NOT RUN	5
	DIMETHYL PHTHALATE	UG/L	5	NOT RUN	L 10
	ACENAPHTHYLENE	UG/L	5	NOT RUN	L 10
METALS	CHROMIUM	UG/L	22	NOT RUN	L 5
	COPPER	UG/L	8	NOT RUN	6
	NICKEL	UG/L	25	NOT RUN	L 10
	ZINC	UG/L	73	NOT RUN	7
NON-CONV. METALS	ALUMINUM	UG/L	67	NOT RUN	100
	BARIUM	UG/L	27	NOT RUN	40
	CALCIUM	MG/L	64	NOT RUN	40
	IRON	UG/L	167	NOT RUN	100
	MAGNESIUM	MG/L	14	NOT RUN	9
	MANGANESE	UG/L	228	NOT RUN	5

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DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	73	11	85	7800	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	220	9	96	28000	NOT RUN
	COD	MG/L	230	48	79	38000	NOT RUN
	OIL & GREASE	MG/L	24	8	67	4730	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	9	5	44	600	NOT RUN
	TOTAL SOLIDS	MG/L	750	520	31	32000	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	180	87	52	14000	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	120	7	94	13000	NOT RUN
	AMMONIA NITROGEN	MG/L	11	2	82	68	NOT RUN
	TOC	MG/L	82	35	57	13000	NOT RUN
VOLATILES	BENZENE	UG/L	4	L 5	-	15	NOT RUN
	1,2-DICHLOROETHANE	UG/L	1	L 5	-	L 5	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	1	L 5	-	L 5	NOT RUN
	1,1-DICHLOROETHANE	UG/L	1	L 5	-	L 5	NOT RUN
	CHLOROFORM	UG/L	5	4	20	L 5	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	5	4	20	L 5	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	1	L 5	-	L 5	NOT RUN
	ETHYLBENZENE	UG/L	2	L 5	-	4	NOT RUN
	METHYLENE CHLORIDE	UG/L	8	L 5	38	250	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 5	1	-	55	NOT RUN
	TETRACHLOROETHYLENE	UG/L	5	3	40	120	NOT RUN
	TOLUENE	UG/L	3	3	-	300	NOT RUN
	TRICHLOROETHYLENE	UG/L	3	L 5	-	L 5	NOT RUN
ACID EXTRACT	2-NITROPHENOL	UG/L	L 50	5	-	L 50	NOT RUN
	PHENOL	UG/L	5	5	-	L 50	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	5	5	-	L 10	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	5	L 10	-	L 10	NOT RUN
	FLUORANTHENE	UG/L	5	L 10	-	L 10	NOT RUN
	NAPHTHALENE	UG/L	5	L 10	-	90	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	5	5	-	160	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	L 10	-	L 10	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	5	L 10	-	L 10	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 10	L 10	-	9	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	7	NOT RUN
	CHRYSENE	UG/L	L 10	L 10	-	9	NOT RUN
	ANTHRACENE	UG/L	5	L 10	-	26	NOT RUN
	PHENANTHRENE	UG/L	5	L 10	-	26	NOT RUN
	PYRENE	UG/L	5	L 10	-	6	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	58	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	170	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	30	NOT RUN
	CADMIUM	UG/L	4	L 2	50	335	NOT RUN
	CHROMIUM	UG/L	131	23	82	10000	NOT RUN
	COPPER	UG/L	72	11	85	18500	NOT RUN
	CYANIDE	UG/L	107	161	-	3150	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	LEAD	UG/L	79	L	20	75	12000	NOT RUN
	MERCURY	NG/L	400	L	200	50	12000	NOT RUN
	NICKEL	UG/L	31		18	42	12000	NOT RUN
	SELENIUM	UG/L	L 50	L	50	-	20	NOT RUN
	SILVER	UG/L	L 2	L	2	-	16	NOT RUN
	THALLIUM	UG/L	L 50	L	50	-	3	NOT RUN
	ZINC	UG/L	439		71	84	46000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1410		49	97	NOT RUN	NOT RUN
	BARIUM	UG/L	93		25	73	NOT RUN	NOT RUN
	CALCIUM	MG/L	68		59	13	NOT RUN	NOT RUN
	IRON	UG/L	3610		166	95	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	14		14	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	334		182	46	NOT RUN	NOT RUN

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N D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/11 0900 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	16	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	12	NOT RUN	NOT RUN
	COD	MG/L	100	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	NOT RUN	11000	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	NOT RUN	2800	NOT RUN
	TOTAL SOLIDS	MG/L	530	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	110	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	9	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	1	NOT RUN	NOT RUN
	TOC	MG/L	31	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	L 5	10	NOT RUN
	CHLOROFORM	UG/L	5	L 5	NOT RUN
	1,1-DICHLORDETHYLENE	UG/L	1	L 5	NOT RUN
	1,3-DICHLOROPROPYLENE	UG/L	L 5	5	NOT RUN
	ETHYLBENZENE	UG/L	L 5	10	NOT RUN
	METHYLENE CHLORIDE	UG/L	5	250	NOT RUN
	BROMOFORM	UG/L	L 5	5	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 5	35	NOT RUN
	DICHLORODIFLUOROMETHANE	UG/L	L 5	5	NOT RUN
	TETRACHLOROETHYLENE	UG/L	3	15	NOT RUN
	TOLUENE	UG/L	3	230	NOT RUN
ACID EXTRACT	2-NITROPHENOL	UG/L	5	NOT RUN	NOT RUN
	PHENOL	UG/L	5	NOT RUN	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	5	NOT RUN	NOT RUN
METALS	CHROMIUM	UG/L	28	NOT RUN	NOT RUN
	COPPER	UG/L	8	NOT RUN	NOT RUN
	CYANIDE	UG/L	NOT RUN	2870	NOT RUN
	NICKEL	UG/L	22	NOT RUN	NOT RUN
	ZINC	UG/L	80	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	59	NOT RUN	NOT RUN
	BARIUM	UG/L	27	NOT RUN	NOT RUN
	CALCIUM	MG/L	62	NOT RUN	NOT RUN
	IRON	UG/L	194	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	14	NOT RUN	NOT RUN
	MANGANESE	UG/L	198	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	78	13	83	15000	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	56	10	82	36000	NOT RUN
	COD	MG/L	150	39	74	46000	NOT RUN
	OIL & GREASE	MG/L	23	8	65	4070	L 250
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	11	2	82	483	8
	TOTAL SOLIDS	MG/L	570	590	-	43000	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	88	88	-	20000	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	34	7	79	16000	NOT RUN
	AMMONIA NITROGEN	MG/L	12	3	75	105	NOT RUN
	TOC	MG/L	61	32	48	17000	NOT RUN
VOLATILES	BENZENE	UG/L	3	L 5	-	20	3
	CHLOROBENZENE	UG/L	1	L 5	-	L 5	L 5
	1,1,1-TRICHLOROETHANE	UG/L	3	L 5	-	L 5	L 5
	CHLOROFORM	UG/L	5	10	-	L 5	L 5
	1,1-DICHLOROETHYLENE	UG/L	5	2	60	L 5	L 5
	ETHYLBENZENE	UG/L	1	L 5	-	L 5	5
	METHYLENE CHLORIDE	UG/L	5	4	20	250	180
	DICHLOROBROMOMETHANE	UG/L	1	1	-	45	35
	CHLORODIBROMOMETHANE	UG/L	1	L 5	-	L 5	L 5
	TETRACHLOROETHYLENE	UG/L	5	5	-	65	L 5
	TOLUENE	UG/L	4	4	-	L 5	25
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	5	L 10	-	L 10	NOT RUN
	FLUORANTHENE	UG/L	5	L 10	-	L 10	NOT RUN
	ISOPHORONE	UG/L	5	L 25	-	L 25	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	13	L 10	23	2600	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	L 10	-	L 10	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	5	L 10	-	L 10	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	5	L 10	-	L 10	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	L 10	-	L 10	NOT RUN
	DIMETHYL PHTHALATE	UG/L	5	L 10	-	L 10	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	100	NOT RUN
	ANTHRACENE	UG/L	5	L 10	-	240	NOT RUN
	PHENANTHRENE	UG/L	5	L 10	-	240	NOT RUN
	PYRENE	UG/L	5	L 10	-	100	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	53	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	230	NOT RUN
	CADMIUM	UG/L	3	L 2	33	600	NOT RUN
	CHROMIUM	UG/L	110	37	66	17000	NOT RUN
	COPPER	UG/L	54	6	89	20000	NOT RUN
	CYANIDE	UG/L	84	155	-	730	337
	LEAD	UG/L	L 20	L 20	-	15000	NOT RUN
	MERCURY	NG/L	200	L 200	-	11000	NOT RUN
	NICKEL	UG/L	38	18	53	3400	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	26	NOT RUN
	THALLIUM	UG/L	L 50	L 50	-	5	NOT RUN
	ZINC	UG/L	241	51	79	L 20	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L	469	53	89	NOT RUN	NOT RUN
	BARIUM	UG/L	66	22	67	NOT RUN	NOT RUN
	CALCIUM	MG/L	68	63	7	NOT RUN	NOT RUN
	IRON	UG/L	1370	170	88	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	14	13	7	NOT RUN	NOT RUN
	MANGANESE	UG/L	271	168	38	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/12 0800 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	10	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	9	NOT RUN	NOT RUN
	COD	MG/L	31	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL SOLIDS	MG/L	530	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	84	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	7	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	2	NOT RUN	NOT RUN
	TOC	MG/L	30	NOT RUN	NOT RUN
VOLATILES	CHLOROFORM	UG/L	5	NOT RUN	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	3	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	5	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	4	NOT RUN	NOT RUN
	TOLUENE	UG/L	3	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	1	NOT RUN	NOT RUN
ACID EXTRACT	2-NITROPHENOL	UG/L	5	NOT RUN	NOT RUN
	PHENOL	UG/L	5	NOT RUN	NOT RUN
BASE-NEUTRALS	1,3-DICHLOROBENZENE	UG/L	5	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	5	NOT RUN	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	5	NOT RUN	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	5	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	NOT RUN	NOT RUN
METALS	CHROMIUM	UG/L	38	NOT RUN	NOT RUN
	COPPER	UG/L	23	NOT RUN	NOT RUN
	LEAD	UG/L	37	NOT RUN	NOT RUN
	NICKEL	UG/L	28	NOT RUN	NOT RUN
	SILVER	UG/L	30	NOT RUN	NOT RUN
	ZINC	UG/L	132	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	70	NOT RUN	NOT RUN
	BARIUM	UG/L	23	NOT RUN	NOT RUN
	CALCIUM	MG/L	62	NOT RUN	NOT RUN
	IRON	UG/L	167	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	13	NOT RUN	NOT RUN
	MANGANESE	UG/L	157	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	130	13	90	7600	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	73	13	82	21000	NOT RUN
	COD	MG/L	200	28	86	28000	NOT RUN
	OIL & GREASE	MG/L	25	8	68	4200	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	35	5	86	340	NOT RUN
	TOTAL SOLIDS	MG/L	610	560	8	23000	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	110	81	26	13000	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	36	4	89	12000	NOT RUN
	AMMONIA NITROGEN	MG/L	17	4	76	110	NOT RUN
	TOC	MG/L	78	33	58	12000	NOT RUN
VOLATILES	BENZENE	UG/L	46	1	98	15	NOT RUN
	CHLOROFORM	UG/L	5	5	-	L 5	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	3	4	-	L 5	NOT RUN
	ETHYLBENZENE	UG/L	2	L 5	-	10	NOT RUN
	METHYLENE CHLORIDE	UG/L	4	5	-	250	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	1	L 5	-	35	NOT RUN
	TETRACHLOROETHYLENE	UG/L	4	2	50	35	NOT RUN
	TOLUENE	UG/L	10	2	80	230	NOT RUN
	TRICHLOROETHYLENE	UG/L	2	L 5	-	L 5	NOT RUN
ACID EXTRACT	4-NITROPHENOL	UG/L	L 50	100	-	L 50	NOT RUN
	PHENOL	UG/L	5	5	-	L 50	NOT RUN
BASE-NEUTRALS	1,3-DICHLOROBENZENE	UG/L	L 10	5	-	L 10	NOT RUN
	3,3'-DICHLOROBENZIDINE	UG/L	L 25	5	-	L 25	NOT RUN
	NAPHTHALENE	UG/L	5	5	-	530	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	5	5	-	1100	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	5	-	L 10	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	5	5	-	L 10	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 10	5	-	L 10	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	5	-	L 10	NOT RUN
	DIMETHYL PHTHALATE	UG/L	L 10	5	-	L 10	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 10	5	-	50	NOT RUN
	BENZO (A)PYRENE	UG/L	10	L 10	-	L 10	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	5	L 5	-	38	NOT RUN
	11,12-BENZOFLUORANTHENE	UG/L	5	L 5	-	L 5	NOT RUN
	CHRYSENE	UG/L	L 10	5	-	50	NOT RUN
	ANTHRACENE	UG/L	L 10	L 10	-	96	NOT RUN
	PHENANTHRENE	UG/L	L 10	L 10	-	96	NOT RUN
	PYRENE	UG/L	L 10	L 10	-	35	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	28	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	120	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	5	NOT RUN
	CADMIUM	UG/L	3	L 2	33	110	NOT RUN
	CHROMIUM	UG/L	31	20	35	2000	NOT RUN
	COPPER	UG/L	43	9	79	2800	NOT RUN
	CYANIDE	UG/L	84	148	-	2990	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/08/13
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	LEAD	UG/L	L 20	L 20	-	6000	NOT RUN
	NICKEL	UG/L	14	25	-	180	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	52	NOT RUN
	SILVER	UG/L	L 2	L 2	-	24	NOT RUN
	THALLIUM	UG/L	L 50	L 50	-	2	NOT RUN
	ZINC	UG/L	220	63	71	9200	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	324	L 20	94	NOT RUN	NOT RUN
	BARIUM	UG/L	65	23	65	NOT RUN	NOT RUN
	CALCIUM	MG/L	67	64	4	NOT RUN	NOT RUN
	IRON	UG/L	1150	197	83	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	14	14	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	260	162	38	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/08/13
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
R = NOT REPORTED

DAILY ANALYTICAL RESULTS

PLANT 2

SAMPLE DATE ENDING 78/08/13 0800 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	31	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	14	NOT RUN	NOT RUN
	COD	MG/L	46	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL SOLIDS	MG/L	590	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	150	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	6	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	4	NOT RUN	NOT RUN
	TOC	MG/L	35	NOT RUN	NOT RUN
VOLATILES	CHLOROFORM	UG/L	5	NOT RUN	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	4	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	5	NOT RUN	NOT RUN
	TOLUENE	UG/L	2	NOT RUN	NOT RUN
ACID EXTRACT	2-NITROPHENOL	UG/L	14	NOT RUN	NOT RUN
	4-NITROPHENOL	UG/L	220	NOT RUN	NOT RUN
	PHENOL	UG/L	5	NOT RUN	NOT RUN
BASE-NEUTRALS	DI-N-BUTYL PHTHALATE	UG/L	5	NOT RUN	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	5	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	NOT RUN	NOT RUN
	DIMETHYL PHTHALATE	UG/L	5	NOT RUN	NOT RUN
	1,2-BENZANTHRACENE	UG/L	5	NOT RUN	NOT RUN
	CHRYSENE	UG/L	5	NOT RUN	NOT RUN
METALS	CHROMIUM	UG/L	20	NOT RUN	NOT RUN
	COPPER	UG/L	7	NOT RUN	NOT RUN
	NICKEL	UG/L	11	NOT RUN	NOT RUN
	ZINC	UG/L	66	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	105	NOT RUN	NOT RUN
	BARIUM	UG/L	24	NOT RUN	NOT RUN
	CALCIUM	MG/L	64	NOT RUN	NOT RUN
	IRON	UG/L	221	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	14	NOT RUN	NOT RUN
	MANGANESE	UG/L	158	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/08/13
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DAILY ANALYTICAL RESULTS

PLANT 3

SAMPLE DATE ENDING 78/11/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	168	7	96	7271	9181
	TOTAL SUSP. SOLIDS	MG/L	164	26	84	41861	33228
	COD	MG/L	479	36	92	43470	34160
	OIL & GREASE	MG/L	69	1	99	7715	2479
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	152	33	78	4720	5540
	TOTAL SOLIDS	MG/L	503	318	37	43655	39814
	TOTAL DISS. SOLIDS	MG/L	324	290	10	1674	6487
	TOTAL VOLATILE SOLIDS	MG/L	191	67	65	32266	23240
	VOLATILE DISS. SOLIDS	MG/L	82	48	41	419	2525
	TOTAL VOL. SUS. SOLIDS	MG/L	94	10	89	31728	20615
	AMMONIA NITROGEN	MG/L	23	1	96	90	33
	TOC	MG/L	255	40	84	20774	18374
VOLATILES	BENZENE	UG/L	T 10	L 5	50	32	N-D
	1,1,1-TRICHLOROETHANE	UG/L	60	T 10	83	50	N-D
	CHLOROFORM	UG/L	77	10	87	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	T 10	L 5	50	18	N-D
	ETHYLBENZENE	UG/L	8	L 5	38	N-D	58
	METHYLENE CHLORIDE	UG/L	18	T 10	44	23	N-D
	TRICHLOROFLUOROMETHANE	UG/L	2	L 5	-	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	20	L 5	75	N-D	22
	TOLUENE	UG/L	7	L 5	29	N-D	39
	TRICHLOROETHYLENE	UG/L	3	L 5	-	48	N-D
	VINYL CHLORIDE	UG/L	L 5	L 5	-	23	N-D
ACID EXTRACT	PHENOL	UG/L	18	L 50	-	N-D	55
BASE-NEUTRALS	1,4-DICHLOROBENZENE	UG/L	L 10	L 10	-	75	N-D
	FLUORANTHENE	UG/L	L 10	L 10	-	65	17
	NAPHTHALENE	UG/L	3	L 10	-	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	27	T 10	63	680	500
	BUTYL BENZYL PHTHALATE	UG/L	5	L 10	-	170	N-D
	DI-N-BUTYL PHTHALATE	UG/L	5	T 10	-	790	93
	DI-N-OCTYL PHTHALATE	UG/L	8	L 10	-	N-D	N-D
	DIETHYL PHTHALATE	UG/L	5	L 10	-	N-D	N-D
	DIMETHYL PHTHALATE	UG/L	3	L 10	-	N-D	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	470	200
	FLUORENE	UG/L	L 10	L 10	-	31	N-D
	PHENANTHRENE	UG/L	L 10	L 10	-	470	200
	PYRENE	UG/L	L 10	L 10	-	64	22
METALS	ANTIMONY	UG/L	L 4	L 4	-	110	51
	ARSENIC	UG/L	3	L 5	-	180	76
	BERYLLIUM	UG/L	L 1	1	-	8	9
	CADMIUM	UG/L	1	L 1	-	96	48
	CHROMIUM	UG/L	18	7	61	3900	5800
	COPPER	UG/L	281	37	87	20000	26000
	CYANIDE	UG/L	80	450	-	20970	12410
	LEAD	UG/L	38	23	39	5000	I 1500

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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 3

SAMPLE DATE ENDING 78/11/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
METALS	MERCURY	NG/L	L 1000	L 1000	-	57000	24000
	NICKEL	UG/L	30	60	-	500	710
	SELENIUM	UG/L	L 4	L 4	-	15	14
	SILVER	UG/L	1	L 4	-	330	520
	ZINC	UG/L	368	54	85	21000	21000
NON-CONV. METALS	ALUMINUM	UG/L	1101	95	91	NOT RUN	NOT RUN
	BARIUM	UG/L	147	L 1	99	NOT RUN	NOT RUN
	BORON	UG/L	339	222	35	NOT RUN	NOT RUN
	CALCIUM	MG/L	34	2	94	NOT RUN	NOT RUN
	COBALT	UG/L	10	6	40	NOT RUN	NOT RUN
	IRON	UG/L	29535	145	100	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	4	3	25	NOT RUN	NOT RUN
	MANGANESE	UG/L	215	19	91	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	171	145	15	NOT RUN	NOT RUN
	SODIUM	MG/L	73	61	16	NOT RUN	NOT RUN
	TIN	UG/L	66	4	94	NOT RUN	NOT RUN
	TITANIUM	UG/L	64	3	95	NOT RUN	NOT RUN
	VANADIUM	UG/L	37	26	30	NOT RUN	NOT RUN
	YTTRIUM	UG/L	L 1	4	-	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 3

SAMPLE DATE ENDING 78/11/14 0800 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	THICKENER OVERFLOW	TAP WATER
CONVENTIONALS	BOD	MG/L	13	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	20	NOT RUN	NOT RUN
	COD	MG/L	43	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	4	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	27	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	342	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	306	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	92	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	86	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	4	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	1	NOT RUN	NOT RUN
	TOC	MG/L	34	NOT RUN	NOT RUN
METALS	CADMIUM	UG/L	2	NOT RUN	NOT RUN
	CHROMIUM	UG/L	9	NOT RUN	NOT RUN
	COPPER	UG/L	31	NOT RUN	NOT RUN
	CYANIDE	UG/L	20	NOT RUN	NOT RUN
	LEAD	UG/L	44	NOT RUN	NOT RUN
	NICKEL	UG/L	26	NOT RUN	NOT RUN
	ZINC	UG/L	64	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	57	NOT RUN	NOT RUN
	BORON	UG/L	243	NOT RUN	NOT RUN
	CALCIUM	MG/L	26	NOT RUN	NOT RUN
	COBALT	UG/L	12	NOT RUN	NOT RUN
	IRON	UG/L	129	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3	NOT RUN	NOT RUN
	MANGANESE	UG/L	17	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	147	NOT RUN	NOT RUN
	SODIUM	MG/L	61	NOT RUN	NOT RUN
	TIN	UG/L	5	NOT RUN	NOT RUN
	TITANIUM	UG/L	3	NOT RUN	NOT RUN
	VANADIUM	UG/L	28	NOT RUN	NOT RUN
	YTTRIUM	UG/L	6	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 3

SAMPLE DATE ENDING 78/11/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	178	10	94	6969	1221
	TOTAL SUSP. SOLIDS	MG/L	447	50	89	53323	32462
	COD	MG/L	561	48	91	57976	15438
	OIL & GREASE	MG/L	49	7	86	7399	1321
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	197	26	87	1090	300
	TOTAL SOLIDS	MG/L	788	372	53	55140	38130
	TOTAL DISS. SOLIDS	MG/L	330	308	7	1745	5593
	TOTAL VOLATILE SOLIDS	MG/L	415	79	81	37053	15824
	VOLATILE DISS. SOLIDS	MG/L	76	66	13	875	1962
	TOTAL VOL. SUS. SOLIDS	MG/L	305	10	97	36106	13787
	AMMONIA NITROGEN	MG/L	16	3	81	156	25
	TOC	MG/L	360	25	93	28774	18474
VOLATILES	BENZENE	UG/L	3	L 5	-	71	N-D
	1,1,1-TRICHLOROETHANE	UG/L	50	T 10	80	N-D	N-D
	CHLOROFORM	UG/L	43	20	53	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	5	L 5	-	7100	N-D
	1,2-DICHLOROPROPANE	UG/L	2	L 5	-	29	N-D
	ETHYLBENZENE	UG/L	77	L 5	94	610	97
	METHYLENE CHLORIDE	UG/L	15	T 10	33	N-D	N-D
	METHYL CHLORIDE	UG/L	L 5	L 5	-	100	N-D
	TETRACHLOROETHYLENE	UG/L	107	L 5	95	N-D	2800
	TOLUENE	UG/L	20	L 5	75	780	75
	TRICHLOROETHYLENE	UG/L	3	L 5	-	66	N-D
	VINYL CHLORIDE	UG/L	L 5	L 5	-	880	N-D
ACID EXTRACT	PHENOL	UG/L	23	L 50	-	400	76
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 10	L 10	-	50	N-D
	1,2-DICHLOROBENZENE	UG/L	2	L 10	-	N-D	N-D
	1,3-DICHLOROBENZENE	UG/L	2	L 10	-	N-D	N-D
	1,4-DICHLOROBENZENE	UG/L	2	L 10	-	N-D	N-D
	FLUORANTHENE	UG/L	L 10	L 10	-	59	25
	NAPHTHALENE	UG/L	L 10	L 10	-	85	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	30	T 10	67	120	65
	BUTYL BENZYL PHTHALATE	UG/L	7	L 10	-	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	3	T 10	-	N-D	N-D
	DI-N-OCTYL PHTHALATE	UG/L	3	L 10	-	N-D	N-D
	DIETHYL PHTHALATE	UG/L	3	L 10	-	N-D	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	140	68
	PHENANTHRENE	UG/L	L 10	L 10	-	140	68
	PYRENE	UG/L	L 10	L 10	-	60	28
METALS	ANTIMONY	UG/L	L 4	L 4	-	140	71
	ARSENIC	UG/L	4	L 5	-	530	170
	BERYLLIUM	UG/L	L 1	L 1	-	15	11
	CADMIUM	UG/L	6	2	67	110	13
	CHROMIUM	UG/L	46	12	74	5200	4500
	COPPER	UG/L	448	26	94	26000	21000

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/11/16
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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 3

SAMPLE DATE ENDING 78/11/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
METALS	CYANIDE	UG/L	80	30	63	19240	5840
	LEAD	UG/L	99	52	47	6700	1600
	MERCURY	NG/L	L 1000	L 1000	-	24000	L 22000
	NICKEL	UG/L	60	105	-	620	280
	SELENIUM	UG/L	L 4	L 4	-	47	8
	SILVER	UG/L	5	L 4	20	320	290
	ZINC	UG/L	487	37	92	22000	13000
NON-CONV. METALS	ALUMINUM	UG/L	2396	106	96	NOT RUN	NOT RUN
	BARIUM	UG/L	153	L 1	99	NOT RUN	NOT RUN
	BORON	UG/L	344	281	18	NOT RUN	NOT RUN
	CALCIUM	MG/L	23	27	-	NOT RUN	NOT RUN
	COBALT	UG/L	34	14	59	NOT RUN	NOT RUN
	IRON	UG/L	9145	66	99	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	4	3	25	NOT RUN	NOT RUN
	MANGANESE	UG/L	414	15	96	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	223	193	13	NOT RUN	NOT RUN
	SODIUM	MG/L	69	70	-	NOT RUN	NOT RUN
	TIN	UG/L	41	L 1	98	NOT RUN	NOT RUN
	TITANIUM	UG/L	158	3	98	NOT RUN	NOT RUN
	VANADIUM	UG/L	66	25	62	NOT RUN	NOT RUN
	YTTRIUM	UG/L	3	7	-	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/11/16
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DAILY ANALYTICAL RESULTS

PLANT 3

SAMPLE DATE ENDING 78/11/16 0800 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	THICKENER OVERFLOW	TAP WATER
CONVENTIONALS	BOD	MG/L	10	55	2
	TOTAL SUSP. SOLIDS	MG/L	4	126	6
	COD	MG/L	46	422	9
	OIL & GREASE	MG/L	11	38	2
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	18	39	2
	TOTAL SOLIDS	MG/L	356	480	46
	TOTAL DISS. SOLIDS	MG/L	332	342	34
	TOTAL VOLATILE SOLIDS	MG/L	77	181	14
	VOLATILE DISS. SOLIDS	MG/L	70	64	10
	TOTAL VOL. SUS. SOLIDS	MG/L	2	106	3
	AMMONIA NITROGEN	MG/L	3	23	L 1
	TOC	MG/L	38	230	1
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	T 10	60	L 5
	CHLOROFORM	UG/L	10	50	60
	ETHYLBENZENE	UG/L	L 5	60	L 5
	METHYLENE CHLORIDE	UG/L	T 10	T 10	20
	TETRACHLOROETHYLENE	UG/L	10	50	L 5
	TOLUENE	UG/L	L 5	20	L 5
ACID EXTRACT	PHENOL	UG/L	L 50	10	L 50
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	T 10	30	T 10
METALS	ARSENIC	UG/L	L 5	5	L 5
	CADMIUM	UG/L	2	L 1	2
	CHROMIUM	UG/L	11	17	4
	COPPER	UG/L	25	195	627
	CYANIDE	UG/L	90	60	L 20
	LEAD	UG/L	45	45	56
	NICKEL	UG/L	101	44	59
	ZINC	UG/L	48	194	L 1
NON-CONV. METALS	ALUMINUM	UG/L	100	711	88
	BARIUM	UG/L	L 1	35	L 1
	BORON	UG/L	261	189	L 1
	CALCIUM	MG/L	28	42	4
	COBALT	UG/L	L 1	11	14
	IRON	UG/L	102	3882	62
	MAGNESIUM	MG/L	3	4	1
	MANGANESE	UG/L	16	303	20
	MOLYBDENUM	UG/L	157	212	9
	SODIUM	MG/L	71	64	4
	TIN	UG/L	L 1	14	2
	TITANIUM	UG/L	3	59	4
	VANADIUM	UG/L	27	44	10
	YTTRIUM	UG/L	2	2	5

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N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 3

SAMPLE DATE ENDING 78/11/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	93	25	73	2375	4076
	TOTAL SUSP. SOLIDS	MG/L	263	12	95	24934	30340
	COD	MG/L	351	66	81	33103	11456
	OIL & GREASE	MG/L	36	7	81	10699	2030
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	56	L 2	96	4320	340
	TOTAL SOLIDS	MG/L	523	415	21	27047	36902
	TOTAL DISS. SOLIDS	MG/L	248	384	-	2043	6472
	TOTAL VOLATILE SOLIDS	MG/L	203	71	65	19857	22313
	VOLATILE DISS. SOLIDS	MG/L	53	58	-	426	2902
	TOTAL VOL. SUS. SOLIDS	MG/L	138	10	93	19361	19321
	AMMONIA NITROGEN	MG/L	10	1	90	113	37
	TOC	MG/L	131	22	83	15764	12164
VOLATILES	BENZENE	UG/L	5	L 5	-	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	45	T 10	78	N-D	N-D
	CHLOROFORM	UG/L	15	10	33	N-D	N-D
	ETHYLBENZENE	UG/L	88	L 5	94	N-D	230
	METHYLENE CHLORIDE	UG/L	5	T 10	-	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	60	T 10	83	N-D	2800
	TOLUENE	UG/L	15	T 10	33	N-D	100
	TRICHLOROETHYLENE	UG/L	5	L 5	-	N-D	N-D
ACID EXTRACT	PHENOL	UG/L	5	L 50	-	430	110
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 10	L 10	-	73	N-D
	FLUORANTHENE	UG/L	3	L 10	-	76	31
	NAPHTHALENE	UG/L	5	L 10	-	150	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	30	T 10	67	100	63
	BUTYL BENZYL PHTHALATE	UG/L	8	L 10	-	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	5	T 10	-	N-D	N-D
	DIETHYL PHTHALATE	UG/L	3	L 10	-	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	3	L 10	-	44	N-D
	BENZO (A)PYRENE	UG/L	3	L 10	-	N-D	N-D
	3,4-BENZOFLUORANTHENE	UG/L	3	L 5	-	N-D	N-D
	11,12-BENZOFLUORANTHENE	UG/L	3	L 5	-	N-D	N-D
	CHRYSENE	UG/L	3	L 10	-	44	N-D
	ANTHRACENE	UG/L	3	L 10	-	170	86
	PHENANTHRENE	UG/L	3	L 10	-	170	86
	PYRENE	UG/L	3	L 10	-	73	32
METALS	ANTIMONY	UG/L	L 4	L 4	-	140	46
	ARSENIC	UG/L	5	L 5	-	500	76
	BERYLLIUM	UG/L	L 1	L 1	-	16	5
	CADMIUM	UG/L	6	3	50	490	36
	CHROMIUM	UG/L	28	8	71	5900	3300
	COPPER	UG/L	176	43	76	31000	12000
	CYANIDE	UG/L	140	40	71	21380	7570
	LEAD	UG/L	175	40	77	8800	1000
	MERCURY	NG/L	L 1000	L 1000	-	61000	41000

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 78/11/18
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N D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 3

SAMPLE DATE ENDING 78/11/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
METALS	NICKEL	UG/L	106	91	14	820	410
	SELENIUM	UG/L	L 4	L 4	-	22	20
	SILVER	UG/L	L 4	L 4	-	600	250
	ZINC	UG/L	263	75	71	40000	12000
NON-CONV. METALS	ALUMINUM	UG/L	733	147	80	NOT RUN	NOT RUN
	BARIUM	UG/L	129	L 1	99	NOT RUN	NOT RUN
	BORON	UG/L	288	368	-	NOT RUN	NOT RUN
	CALCIUM	MG/L	25	26	-	NOT RUN	NOT RUN
	COBALT	UG/L	32	8	75	NOT RUN	NOT RUN
	IRON	UG/L	7069	302	96	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	4	3	25	NOT RUN	NOT RUN
	MANGANESE	UG/L	252	24	90	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	64	148	-	NOT RUN	NOT RUN
	SODIUM	MG/L	49	91	-	NOT RUN	NOT RUN
	TIN	UG/L	46	12	74	NOT RUN	NOT RUN
	TITANIUM	UG/L	220	6	97	NOT RUN	NOT RUN
	VANADIUM	UG/L	88	26	70	NOT RUN	NOT RUN
	YTTRIUM	UG/L	8	6	25	NOT RUN	NOT RUN

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L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 3

SAMPLE DATE ENDING 78/11/18 0800 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	THICKENER OVERFLOW	TAP WATER
CONVENTIONALS	BOD	MG/L	10	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	17	NOT RUN	NOT RUN
	COD	MG/L	79	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	5	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL SOLIDS	MG/L	375	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	328	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	81	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	72	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	8	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	1	NOT RUN	NOT RUN
	TOC	MG/L	13	NOT RUN	NOT RUN
VOLATILES	TETRACHLOROETHYLENE	UG/L	20	NOT RUN	NOT RUN
METALS	ARSENIC	UG/L	5	NOT RUN	NOT RUN
	COPPER	UG/L	60	NOT RUN	NOT RUN
	CYANIDE	UG/L	70	NOT RUN	NOT RUN
	ZINC	UG/L	99	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 3

SAMPLE DATE ENDING 78/11/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	85	15	82	NOT RUN	3224
	TOTAL SUSP. SOLIDS	MG/L	188	86	54	NOT RUN	31407
	COD	MG/L	256	28	89	NOT RUN	29252
	OIL & GREASE	MG/L	20	1	95	NOT RUN	1365
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	40	L 2	95	NOT RUN	280
	TOTAL SOLIDS	MG/L	395	300	24	NOT RUN	37234
	TOTAL DISS. SOLIDS	MG/L	203	212	-	NOT RUN	5752
	TOTAL VOLATILE SOLIDS	MG/L	119	90	24	NOT RUN	20971
	VOLATILE DISS. SOLIDS	MG/L	51	60	-	NOT RUN	3085
	TOTAL VOL. SUS. SOLIDS	MG/L	62	28	55	NOT RUN	17806
	AMMONIA NITROGEN	MG/L	8	L 1	88	NOT RUN	29
	TOC	MG/L	91	48	47	NOT RUN	11764
VOLATILES	BENZENE	UG/L	5	L 5	-	NOT RUN	6
	1,1,1-TRICHLOROETHANE	UG/L	93	T 10	89	NOT RUN	N-D
	CHLOROFORM	UG/L	17	50	-	NOT RUN	N-D
	1,1-DICHLOROETHYLENE	UG/L	3	L 5	-	NOT RUN	N-D
	ETHYLBENZENE	UG/L	10	L 5	50	NOT RUN	N-D
	METHYLENE CHLORIDE	UG/L	7	T 10	-	NOT RUN	4
	TETRACHLOROETHYLENE	UG/L	22	T 10	55	NOT RUN	780
	TOLUENE	UG/L	17	L 5	71	NOT RUN	N-D
	TRICHLOROETHYLENE	UG/L	5	T 10	-	NOT RUN	N-D
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	L 50	L 50	-	NOT RUN	120
	PHENOL	UG/L	13	L 50	-	NOT RUN	17000
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 10	L 10	-	NOT RUN	20
	NAPHTHALENE	UG/L	5	L 10	-	NOT RUN	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	18	T 10	44	NOT RUN	N-D
	BUTYL BENZYL PHTHALATE	UG/L	5	L 10	-	NOT RUN	N-D
	DI-N-BUTYL PHTHALATE	UG/L	10	T 10	-	NOT RUN	54
	DI-N-OCTYL PHTHALATE	UG/L	2	L 10	-	NOT RUN	N-D
	DIETHYL PHTHALATE	UG/L	8	T 10	-	NOT RUN	N-D
	DIMETHYL PHTHALATE	UG/L	5	L 10	-	NOT RUN	N-D
	ANTHRACENE	UG/L	5	L 10	-	NOT RUN	60
	PHENANTHRENE	UG/L	5	L 10	-	NOT RUN	60
	PYRENE	UG/L	L 10	L 10	-	NOT RUN	47
METALS	ANTIMONY	UG/L	L 4	L 4	-	NOT RUN	40
	ARSENIC	UG/L	L 5	L 5	-	NOT RUN	230
	BERYLLIUM	UG/L	L 1	L 1	-	NOT RUN	14
	CADMIUM	UG/L	3	17	-	NOT RUN	71
	CHROMIUM	UG/L	18	11	39	NOT RUN	5400
	COPPER	UG/L	171	65	62	NOT RUN	23000
	CYANIDE	UG/L	100	30	70	NOT RUN	3070
	LEAD	UG/L	81	61	25	NOT RUN	1800
	MERCURY	NG/L	L 1000	L 1000	-	NOT RUN	52000
	NICKEL	UG/L	47	96	-	NOT RUN	510
	SELENIUM	UG/L	L 4	L 4	-	NOT RUN	7

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DAILY ANALYTICAL RESULTS

PLANT 3

SAMPLE DATE ENDING 78/11/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
METALS	SILVER	UG/L	L 4.	L 4	-	NOT RUN	410
	ZINC	UG/L	151	77	49	NOT RUN	18000
NON-CONV. METALS	ALUMINUM	UG/L	4327	654	85	NOT RUN	NOT RUN
	BARIUM	UG/L	49	4	92	NOT RUN	NOT RUN
	BORON	UG/L	202	159	21	NOT RUN	NOT RUN
	CALCIUM	MG/L	19	20	-	NOT RUN	NOT RUN
	COBALT	UG/L	27	14	48	NOT RUN	NOT RUN
	IRON	UG/L	6546	417	94	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	5	2	60	NOT RUN	NOT RUN
	MANGANESE	UG/L	283	34	88	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	102	118	-	NOT RUN	NOT RUN
	SODIUM	MG/L	42	43	-	NOT RUN	NOT RUN
	TIN	UG/L	19	L 1	95	NOT RUN	NOT RUN
	TITANIUM	UG/L	184	12	93	NOT RUN	NOT RUN
	VANADIUM	UG/L	88	38	57	NOT RUN	NOT RUN
	YTTRIUM	UG/L	4	6	-	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 3

SAMPLE DATE ENDING 78/11/19 0800 HOURS

FRACTION	PARAMETER	UNITS	PRE CHLOR EFFLUENT	THICKENER OVERFLOW	TAP WATER
CONVENTIONALS	BOD	MG/L	15	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	6	NOT RUN	NOT RUN
	COD	MG/L	26	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	4	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL SOLIDS	MG/L	216	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	206	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	52	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	46	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	2	NOT RUN	NOT RUN
	TOC	MG/L	9	NOT RUN	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	20	NOT RUN	NOT RUN
METALS	CYANIDE	UG/L	30	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 4

SAMPLE DATE ENDING 79/04/03 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGESTED SLUDGE
CONVENTIONALS	BOD	MG/L	246	28	89	19000	2700
	TOTAL SUSP. SOLIDS	MG/L	258	78	70	51000	32000
	COD	MG/L	487	167	66	56900	26400
	OIL & GREASE	MG/L	259	13	95	7770	13000
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	110	18	84	800	720
	TOTAL SOLIDS	MG/L	555	340	39	51300	38000
	TOTAL DISS. SOLIDS	MG/L	300	219	27	1930	585
	SETTLEABLE SOLIDS	ML/L	2	1	50	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	250	131	48	32000	18400
	VOLATILE DISS. SOLIDS	MG/L	73	62	15	1180	372
	TOTAL VOL. SUS. SOLIDS	MG/L	168	18	89	30600	6000
	AMMONIA NITROGEN	MG/L	14	14	-	880	180
	TOC	MG/L	106	57	46	8030	15100
VOLATILES	BENZENE	UG/L	L 1	L 1	-	10	5
	CARBON TETRACHLORIDE	UG/L	L 2	L 2	-	940	N-D
	1,1,1-TRICHLOROETHANE	UG/L	960	370	61	170	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	11	L 1	91	69	N-D
	CHLOROFORM	UG/L	9	3	67	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	53	11	79	14000	19
	1,2-TRANS-DICHLOROETHYLENE	UG/L	20	5	75	960	N-D
	ETHYLBENZENE	UG/L	62	L 1	98	N-D	280
	METHYLENE CHLORIDE	UG/L	378	110	71	380	4
	TETRACHLOROETHYLENE	UG/L	L 1	59	-	45	N-D
	TOLUENE	UG/L	69	L 1	99	5	110
	TRICHLOROETHYLENE	UG/L	860	15	98	980	N-D
	VINYL CHLORIDE	UG/L	L 33	L 33	-	N-D	160
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	5	L 1	80	N-D	N-D
	PENTACHLOROPHENOL	UG/L	11	L 5	55	N-D	N-D
	PHENOL	UG/L	23	L 1	96	N-D	N-D
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	28	L 5	82	230	200
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	76	72
	FLUORANTHENE	UG/L	L 3	L 3	-	75	30
	NAPHTHALENE	UG/L	150	L 3	98	420	250
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	24	8	67	1500	860
	BUTYL BENZYL PHTHALATE	UG/L	48	2	96	N-D	1000
	DI-N-BUTYL PHTHALATE	UG/L	28	6	79	460	150
	DIETHYL PHTHALATE	UG/L	7	2	71	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	L 3	L 3	-	46	N-D
	CHRYSENE	UG/L	L 3	L 3	-	46	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	740	500
	PHENANTHRENE	UG/L	L 3	L 3	-	740	500
	PYRENE	UG/L	L 2	L 2	-	83	45
PESTICIDES	GAMMA-BHC	NG/L	L 10	180	-	L 1000	L 1000
METALS	ANTIMONY	UG/L	L 50	L 50	-	140	130

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DAILY ANALYTICAL RESULTS

PLANT 4

SAMPLE DATE ENDING 79/04/03 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGESTED SLUDGE
METALS	ARSENIC	UG/L	L 50	L 50	-	270	320
	BERYLLIUM	UG/L	L 2	L 2	-	23	25
	CADMIUM	UG/L	4	3	25	550	460
	CHROMIUM	UG/L	110	82	25	26000	26000
	COPPER	UG/L	80	36	55	14000	13000
	CYANIDE	UG/L	L 10	L 10	-	130	140
	LEAD	UG/L	316	145	54	31000	34000
	MERCURY	NG/L	1600	1100	31	360000	490000
	NICKEL	UG/L	39	26	33	2800	2500
	SELENIUM	UG/L	L 50	L 50	-	22	22
	SILVER	UG/L	30	17	43	3500	2400
	ZINC	UG/L	1300	527	59	150000	150000
NON-CONV. METALS	ALUMINUM	UG/L	3740	1520	59	NOT RUN	NOT RUN
	BARIUM	UG/L	290	79	73	NOT RUN	NOT RUN
	CALCIUM	MG/L	16	14	13	NOT RUN	NOT RUN
	IRON	UG/L	13200	6290	52	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3	2	33	NOT RUN	NOT RUN
	MANGANESE	UG/L	2660	203	92	NOT RUN	NOT RUN
	SODIUM	MG/L	38	33	13	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 4

SAMPLE DATE ENDING 79/04/05 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGESTED SLUDGE
CONVENTIONALS	BOD	MG/L	117	26	78	18600	5900
	TOTAL SUSP. SOLIDS	MG/L	117	44	62	84000	42000
	COD	MG/L	206	60	71	69100	34200
	OIL & GREASE	MG/L	34	18	47	9150	4050
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	83	60	28	1100	1200
	TOTAL SOLIDS	MG/L	307	198	36	88600	43300
	TOTAL DISS. SOLIDS	MG/L	173	151	13	1280	489
	SETTLEABLE SOLIDS	ML/L	3	L 1	67	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	126	62	51	42500	21600
	VOLATILE DISS. SOLIDS	MG/L	60	53	12	930	261
	TOTAL VOL. SUS. SOLIDS	MG/L	67	33	51	39000	27000
	AMMONIA NITROGEN	MG/L	6	4	33	110	550
	TOC	MG/L	78	39	50	19400	11600
VOLATILES	BENZENE	UG/L	L 1	L 1	-	38	34
	CHLOROBENZENE	UG/L	L 1	L 1	-	N-D	440
	1,1,1-TRICHLOROETHANE	UG/L	100	22	78	N-D	220
	1,1,2-TRICHLOROETHANE	UG/L	L 2	L 2	-	68	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	1	-	N-D	N-D
	CHLOROFORM	UG/L	6	4	33	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	5	1	80	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	27	10	63	31000	38000
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	N-D	26
	ETHYLBENZENE	UG/L	L 1	L 1	-	2000	1500
	METHYLENE CHLORIDE	UG/L	340	308	9	260	85
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	260	N-D
	TETRACHLOROETHYLENE	UG/L	L 1	320	-	2400	N-D
	TOLUENE	UG/L	L 1	L 1	-	1200	560
	TRICHLOROETHYLENE	UG/L	400	24	94	I 0	570
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	9	L 5	44	10	N-D
	PHENOL	UG/L	6	L 1	83	25	310
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	423	27	94	N-D	N-D
	1,4-DICHLOROBENZENE	UG/L	48	8	83	N-D	N-D
	FLUORANTHENE	UG/L	L 3	L 3	-	95	55
	ISOPHORONE	UG/L	L 10	12	-	N-D	N-D
	NAPHTHALENE	UG/L	11	L 3	73	630	330
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	21	24	-	980	360
	BUTYL BENZYL PHTHALATE	UG/L	48	2	96	3800	2200
	DI-N-BUTYL PHTHALATE	UG/L	14	6	57	260	N-D
	DIETHYL PHTHALATE	UG/L	6	L 2	67	N-D	N-D
	3,4-BENZOFLUORANTHENE	UG/L	L 8	L 8	-	140	150
	11,12-BENZOFLUORANTHENE	UG/L	L 8	L 8	-	140	150
	ANTHRACENE	UG/L	T 3	L 3	-	540	390
	FLUORENE	UG/L	L 3	L 3	-	82	N-D
	PHENANTHRENE	UG/L	T 3	L 3	-	540	390
	PYRENE	UG/L	L 2	L 2	-	100	75

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DAILY ANALYTICAL RESULTS

PLANT 4

SAMPLE DATE ENDING 79/04/05 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL		COMBINED SLUDGE		DIGESTED SLUDGE
PESTICIDES	DIELDRIN	NG/L		30	L	30	-	L	1000	L	1000
	HEPTACHLOR	NG/L		80	L	20	75	L	1000	L	1000
	ALPHA-BHC	NG/L	L	10		30	-	L	1000	L	1000
METALS	ANTIMONY	UG/L	L	50	L	50	-		120		140
	ARSENIC	UG/L	L	50	L	50	-		260		370
	BERYLLIUM	UG/L	L	2	L	2	-		22		38
	CADMIUM	UG/L		3	L	2	33		490		670
	CHROMIUM	UG/L		60		19	68		17000		24000
	COPPER	UG/L		37		6	84		10000		12000
	CYANIDE	UG/L		40		10	75		250		460
	LEAD	UG/L		62		35	44		43000		45000
	MERCURY	NG/L		1100		300	73		400000		400000
	NICKEL	UG/L		12	L	10	17		2800		2600
	SELENIUM	UG/L	L	50	L	50	-		16		19
	SILVER	UG/L		17	L	2	88		1600		2900
	ZINC	UG/L		260		122	53		170000		170000
NON-CONV. METALS	ALUMINUM	UG/L		3990		458	89		NOT RUN		NOT RUN
	BARIUM	UG/L		109		25	77		NOT RUN		NOT RUN
	CALCIUM	MG/L		17		144	-		NOT RUN		NOT RUN
	IRON	UG/L		4560		1850	59		NOT RUN		NOT RUN
	MAGNESIUM	MG/L		3		2	33		NOT RUN		NOT RUN
	MANGANESE	UG/L		202		187	7		NOT RUN		NOT RUN
	SODIUM	MG/L		22		19	14		NOT RUN		NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/04/05
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 4

SAMPLE DATE ENDING 79/04/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGESTED SLUDGE
CONVENTIONALS	BOD	MG/L	91	17	81	17600	4000
	TOTAL SUSP. SOLIDS	MG/L	133	38	71	55000	39000
	COD	MG/L	300	62	79	60500	32700
	OIL & GREASE	MG/L	93	25	73	12900	17500
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	142	32	77	500	830
	TOTAL SOLIDS	MG/L	360	236	34	60900	42200
	TOTAL DISS. SOLIDS	MG/L	237	224	5	1800	854
	SETTLEABLE SOLIDS	ML/L	5	L 1	80	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	158	66	58	33300	19800
	VOLATILE DISS. SOLIDS	MG/L	91	49	46	967	698
	TOTAL VOL. SUS. SOLIDS	MG/L	108	33	69	29000	15000
	AMMONIA NITROGEN	MG/L	8	7	13	54	760
	TOC	MG/L	97	30	69	14000	9710
VOLATILES	BENZENE	UG/L	L 1	L 1	-	38	31
	CHLOROBENZENE	UG/L	L 1	L 1	-	N-D	350
	1,1,1-TRICHLOROETHANE	UG/L	150	28	81	N-D	N-D
	1,1,2-TRICHLOROETHANE	UG/L	L 2	L 2	-	38	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	40	5	88	N-D	N-D
	CHLOROFORM	UG/L	8	3	63	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	5	1	80	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	10	5	50	96000	4400
	ETHYLBENZENE	UG/L	71	L 1	99	1400	710
	METHYLENE CHLORIDE	UG/L	254	63	75	170	N-D
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	150	N-D
	TETRACHLOROETHYLENE	UG/L	1000	132	87	1600	57
	TOLUENE	UG/L	30	L 1	97	1100	420
	TRICHLOROETHYLENE	UG/L	410	97	76	T 0	N-D
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	8	L 1	88	N-D	N-D
	2-NITROPHENOL	UG/L	L 2	L 2	-	N-D	42
	PENTACHLOROPHENOL	UG/L	12	L 5	58	N-D	N-D
	PHENOL	UG/L	26	L 1	96	540	18
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	51	T 5	90	840	46
	1,4-DICHLOROBENZENE	UG/L	11	T 5	55	N-D	N-D
	FLUORANTHENE	UG/L	L 3	L 3	-	43	22
	NAPHTHALENE	UG/L	13	L 3	77	230	150
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	30	11	63	950	2200
	BUTYL BENZYL PHTHALATE	UG/L	96	T 2	98	2700	1300
	DI-N-BUTYL PHTHALATE	UG/L	14	5	64	150	49
	DIETHYL PHTHALATE	UG/L	5	L 2	60	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	L 3	L 3	-	48	N-D
	CHRYSENE	UG/L	L 3	L 3	-	48	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	190	160
	PHENANTHRENE	UG/L	L 3	L 3	-	190	160
	PYRENE	UG/L	L 2	L 2	-	41	33
PESTICIDES	GAMMA-BHC	NG/L	120	270	-	L 1000	L 1000

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/04/06
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 4

SAMPLE DATE ENDING 79/04/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGESTED SLUDGE
METALS	ANTIMONY	UG/L	L 50	L 50	-	120	120
	ARSENIC	UG/L	L 50	L 50	-	520	420
	BERYLLIUM	UG/L	L 2	L 2	-	16	24
	CADMIUM	UG/L	3	L 2	33	460	610
	CHROMIUM	UG/L	65	22	66	13000	26000
	COPPER	UG/L	42	21	50	8400	16000
	CYANIDE	UG/L	70	20	71	60	240
	LEAD	UG/L	85	38	55	46000	45000
	MERCURY	NG/L	1900	300	84	NOT RUN	420000
	NICKEL	UG/L	14	L 10	29	2200	3200
	SELENIUM	UG/L	L 50	L 50	-	19	21
	SILVER	UG/L	15	3	80	2200	2700
	ZINC	UG/L	328	174	47	120000	170000
NON-CONV. METALS	ALUMINUM	UG/L	2180	350	84	NOT RUN	NOT RUN
	BARIUM	UG/L	90	22	76	NOT RUN	NOT RUN
	CALCIUM	MG/L	17	15	12	NOT RUN	NOT RUN
	IRON	UG/L	3210	1420	56	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3	2	33	NOT RUN	NOT RUN
	MANGANESE	UG/L	212	160	25	NOT RUN	NOT RUN
	SODIUM	MG/L	33	30	9	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/04/06
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D-NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 4

SAMPLE DATE ENDING 79/04/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGESTED SLUDGE
CONVENTIONALS	BOD	MG/L	160	25	85	19400	6700
	TOTAL SUSP. SOLIDS	MG/L	158	48	70	59000	55000
	COD	MG/L	358	60	83	62700	34500
	OIL & GREASE	MG/L	169	18	89	13800	8380
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	280	30	89	740	1400
	TOTAL SOLIDS	MG/L	440	300	32	63800	56300
	TOTAL DISS. SOLIDS	MG/L	330	220	33	1940	520
	SETTLEABLE SOLIDS	ML/L	7	L 1	86	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	196	202	-	37300	21800
	VOLATILE DISS. SOLIDS	MG/L	105	61	42	1050	280
	TOTAL VOL. SUS. SOLIDS	MG/L	96	48	50	28000	11000
	AMMONIA NITROGEN	MG/L	9	8	11	57	520
	TOC	MG/L	121	47	61	18000	9200
VOLATILES	BENZENE	UG/L	L 1	L 1	-	67	N-D
	CHLOROBENZENE	UG/L	L 1	L 1	-	N-D	410
	1,1,1-TRICHLOROETHANE	UG/L	320	40	88	1900	N-D
	1,1,2-TRICHLOROETHANE	UG/L	L 2	L 2	-	2100	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	52	L 1	98	75	N-D
	CHLOROFORM	UG/L	8	3	63	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	4	1	75	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	28	8	71	91000	10000
	ETHYLBENZENE	UG/L	40	L 1	98	1200	2200
	METHYLENE CHLORIDE	UG/L	580	160	72	12	N-D
	TETRACHLOROETHYLENE	UG/L	1100	120	89	1600	N-D
	TOLUENE	UG/L	70	L 1	99	750	3900
	TRICHLOROETHYLENE	UG/L	530	51	90	I 0	I 150
ACID EXTRAC.	2,4-DIMETHYLPHENOL	UG/L	7	L 1	86	N-D	N-D
	PENTACHLOROPHENOL	UG/L	6	L 5	17	N-D	N-D
	PHENOL	UG/L	36	1	97	31	N-D
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	51	6	88	620	450
	1,4-DICHLOROBENZENE	UG/L	9	T 5	44	91	120
	NAPHTHALENE	UG/L	110	L 3	97	220	300
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	41	15	63	1900	15000
	BUTYL BENZYL PHTHALATE	UG/L	58	3	95	4200	1600
	DI-N-BUTYL PHTHALATE	UG/L	20	7	65	190	N-D
	DIETHYL PHTHALATE	UG/L	10	2	80	N-D	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	160	180
	FLUORENE	UG/L	L 3	L 3	-	31	N-D
	PHENANTHRENE	UG/L	L 3	L 3	-	160	180
	PYRENE	UG/L	L 2	L 2	-	N-D	52
PESTICIDES	GAMMA-BHC	MG/L	80	270	-	L 1000	L 1000
METALS	ANTIMONY	UG/L	L 50	L 50	-	82	80
	ARSENIC	UG/L	L 50	L 50	-	430	430
	BERYLLIUM	UG/L	L 2	L 2	-	28	39

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/04/07

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 4

SAMPLE DATE ENDING 79/04/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGESTED SLUDGE
METALS	CADMIUM	UG/L	4	L	2	50	500	660
	CHROMIUM	UG/L	86		22	74	16000	24000
	COPPER	UG/L	45		4	91	9400	17000
	CYANIDE	UG/L	40	L	10	75	270	630
	LEAD	UG/L	106		52	51	46000	49000
	MERCURY	MG/L	1500		300	80	370000	500000
	NICKEL	UG/L	36		17	53	2400	4200
	SELENIUM	UG/L	L 50	L	50	-	26	19
	SILVER	UG/L	16	L	2	88	1900	2900
	ZINC	UG/L	430		217	52	130000	170000
NON-CONV. METALS	ALUMINUM	UG/L	1540		421	73	NOT RUN	NOT RUN
	BARIUM	UG/L	116		22	81	NOT RUN	NOT RUN
	CALCIUM	MG/L	16		15	6	NOT RUN	NOT RUN
	IRON	UG/L	12400		1480	88	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3		2	33	NOT RUN	NOT RUN
	MANGANESE	UG/L	264		175	34	NOT RUN	NOT RUN
	SODIUM	MG/L	37		35	5	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/04/07
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 4

SAMPLE DATE ENDING 79/04/08 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGESTED SLUDGE
CONVENTIONALS	BOD	MG/L	128	9	93	18600	7500
	TOTAL SUSP. SOLIDS	MG/L	175	24	86	53000	38500
	COD	MG/L	256	62	76	55500	37800
	OIL & GREASE	MG/L	116	17	85	9560	8910
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	29	10	66	320	1500
	TOTAL SOLIDS	MG/L	347	356	-	57000	47300
	TOTAL DISS. SOLIDS	MG/L	235	205	13	1730	888
	SETTLEABLE SOLIDS	ML/L	7	L 1	86	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	150	141	6	30800	23500
	VOLATILE DISS. SOLIDS	MG/L	53	55	-	1040	653
	TOTAL VOL. SUS. SOLIDS	MG/L	150	19	87	19000	17400
	AMMONIA NITROGEN	MG/L	9	8	11	65	590
	TOC	MG/L	97	22	77	14200	11600
VOLATILES	BENZENE	UG/L	L 1	L 1	-	65	15
	CHLOROBENZENE	UG/L	L 1	L 1	-	N-D	310
	1,1,1-TRICHLOROETHANE	UG/L	14	3	79	N-D	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	3	L 1	67	71	63
	CHLOROFORM	UG/L	4	2	50	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	41	5	88	73000	1400
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	N-D	17
	ETHYLBENZENE	UG/L	37	L 1	97	3800	390
	METHYLENE CHLORIDE	UG/L	28	15	46	13	4
	TETRACHLOROETHYLENE	UG/L	100	61	39	N-D	N-D
	TOLUENE	UG/L	11	2	82	2600	290
	TRICHLOROETHYLENE	UG/L	400	22	94	260	N-D
ACID EXTRACT	2-NITROPHENOL	UG/L	L 2	L 2	-	N-D	180
	PENTACHLOROPHENOL	UG/L	5	L 5	-	48	N-D
	PHENOL	UG/L	3	1	67	N-D	N-D
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 4	L 4	-	N-D	390
	1,2-DICHLOROBENZENE	UG/L	7	L 5	29	N-D	N-D
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	210	N-D
	1,4-DICHLOROBENZENE	UG/L	T 5	L 5	-	1400	2200
	FLUORANTHENE	UG/L	L 3	L 3	-	100	200
	NAPHTHALENE	UG/L	6	L 3	50	440	1500
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	31	3	90	8800	30000
	BUTYL BENZYL PHTHALATE	UG/L	28	L 2	93	N-D	19000
	DI-N-BUTYL PHTHALATE	UG/L	12	6	50	N-D	N-D
	DIETHYL PHTHALATE	UG/L	9	L 2	78	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	L 3	L 3	-	N-D	320
	CHRYSENE	UG/L	L 3	L 3	-	N-D	320
	ACENAPHTHYLENE	UG/L	L 2	L 2	-	N-D	170
	ANTHRACENE	UG/L	L 3	L 3	-	380	890
	FLUORENE	UG/L	L 3	L 3	-	N-D	230
	PHENANTHRENE	UG/L	L 3	L 3	-	380	890
	PYRENE	UG/L	L 2	L 2	-	81	300

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/04/08
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 4

SAMPLE DATE ENDING 79/04/08 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGESTED SLUDGE
PESTICIDES	GAMMA-BHC	NG/L	130	260	-	L 1000	L 1000
METALS	ANTIMONY	UG/L	L 50	L 50	-	82	88
	ARSENIC	UG/L	L 50	L 50	-	400	180
	BERYLLIUM	UG/L	L 2	L 2	-	32	28
	CADMIUM	UG/L	L 2	L 2	-	540	790
	CHROMIUM	UG/L	78	15	81	16000	26000
	COPPER	UG/L	34	6	82	11000	17000
	CYANIDE	UG/L	20	10	50	180	300
	LEAD	UG/L	86	L 20	77	40000	63000
	MERCURY	NG/L	400	300	25	350000	440000
	NICKEL	UG/L	L 10	L 10	-	2600	3000
	SELENIUM	UG/L	L 50	L 50	-	22	45
	SILVER	UG/L	7	L 2	71	1300	2400
	ZINC	UG/L	287	124	57	150000	190000
NON-CONV. METALS	ALUMINUM	UG/L	1080	261	76	NOT RUN	NOT RUN
	BARIUM	UG/L	74	20	73	NOT RUN	NOT RUN
	CALCIUM	MG/L	15	15	-	NOT RUN	NOT RUN
	IRON	UG/L	6610	1160	82	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3	2	33	NOT RUN	NOT RUN
	MANGANESE	UG/L	232	193	17	NOT RUN	NOT RUN
	SODIUM	MG/L	27	31	-	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/04/08
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 4

SAMPLE DATE ENDING 79/04/10 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL		COMBINED SLUDGE		DIGESTED SLUDGE
CONVENTIONALS	BOD	MG/L		160		24	85		16600		6200
	TOTAL SUSP. SOLIDS	MG/L		140		23	84		56000		45000
	COD	MG/L		450		76	83		54000		38900
	OIL & GREASE	MG/L		32		4	88		7590		2450
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L		93		19	80		600		1300
	TOTAL SOLIDS	MG/L		403		228	43		59900		48400
	TOTAL DISS. SOLIDS	MG/L		234		221	6		2060		615
	SETTLEABLE SOLIDS	ML/L		7	L	1	86		NOT RUN		NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L		185		67	64		32200		24100
	VOLATILE DISS. SOLIDS	MG/L		98		65	34		1180		167
	TOTAL VOL. SUS. SOLIDS	MG/L		119		23	81		34000		14000
	AMMONIA NITROGEN	MG/L		9		9	-		78		540
	TOC	MG/L		97		34	65		13600		12400
VOLATILES	BENZENE	UG/L	L	1	L	1	-		21	G	32
	CARBON TETRACHLORIDE	UG/L	L	2	L	2	-		680		N-D
	1,2-DICHLOROETHANE	UG/L	L	2	L	2	-		N-D		390
	1,1,1-TRICHLOROETHANE	UG/L		160		69	57		970		N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L		4		3	25	I	0		1100
	CHLOROFORM	UG/L		12		3	75		6		N-D
	1,1-DICHLOROETHYLENE	UG/L		8		5	38		80		N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L		24		11	54		38000		5000
	1,2-DICHLOROPROPANE	UG/L	L	1	L	1	-		21		N-D
	ETHYLBENZENE	UG/L		48	L	1	98		400		380
	METHYLENE CHLORIDE	UG/L		112		110	2		15		N-D
	DICHLOROBROMOMETHANE	UG/L	L	1	L	1	-		94		N-D
	TETRACHLOROETHYLENE	UG/L		110		110	-		100		5
	TOLUENE	UG/L		35	L	1	97		250		5800
	TRICHLOROETHYLENE	UG/L		380		14	96		160		N-D
ACID EXTRACT	2,4-DINITROPHENOL	UG/L	L	50	L	50	-		N-D		1200
	PENTACHLOROPHENOL	UG/L		9	L	5	44		92		N-D
	PHENOL	UG/L		12		1	92		19		89
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L		72	L	5	93		N-D		N-D
	1,3-DICHLOROBENZENE	UG/L	L	5	L	5	-		1300		61
	1,4-DICHLOROBENZENE	UG/L		10	L	5	50		5200		160
	FLUORANTHENE	UG/L	L	3	L	3	-		370		N-D
	NAPHTHALENE	UG/L		14	L	3	79		1900		140
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L		38		7	82		35000		2200
	BUTYL BENZYL PHTHALATE	UG/L		79		2	97		5200		1300
	DI-N-BUTYL PHTHALATE	UG/L		18		7	61		1500		N-D
	DIETHYL PHTHALATE	UG/L		7	L	2	71		N-D		N-D
	DIMETHYL PHTHALATE	UG/L		18	L	3	83		N-D		N-D
	1,2-BENZANTHRACENE	UG/L	L	3	L	3	-		N-D		35
	CHRYSENE	UG/L	L	3	L	3	-		N-D		35
	ANTHRACENE	UG/L	L	3	L	3	-		1600		130
	PHENANTHRENE	UG/L	L	3	L	3	-		1600		130
	PYRENE	UG/L	L	2	L	2	-		420		33

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/04/10
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 4

SAMPLE DATE ENDING 79/04/10 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGESTED SLUDGE
METALS	ANTIMONY	UG/L	L 50	L 50	-	150	140
	ARSENIC	UG/L	L 50	L 50	-	540	280
	BERYLLIUM	UG/L	L 2	L 2	-	28	23
	CADMIUM	UG/L	L 2	L 2	-	570	770
	CHROMIUM	UG/L	83	15	82	17000	29000
	COPPER	UG/L	41	29	29	12000	17000
	CYANIDE	UG/L	50	30	40	270	670
	LEAD	UG/L	105	46	56	40000	60000
	MERCURY	MG/L	1000	400	60	320000	530000
	NICKEL	UG/L	21	L 10	52	2600	3000
	SELENIUM	UG/L	L 50	L 50	-	16	14
	SILVER	UG/L	20	L 2	90	1300	970
	ZINC	UG/L	339	176	48	140000	180000
NON-CONV. METALS	ALUMINUM	UG/L	2230	492	78	NOT RUN	NOT RUN
	BARIUM	UG/L	116	27	77	NOT RUN	NOT RUN
	CALCIUM	MG/L	16	14	13	NOT RUN	NOT RUN
	IRON	UG/L	4170	1990	52	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	2	2	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	229	156	32	NOT RUN	NOT RUN
	SODIUM	MG/L	33	28	15	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/04/10
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 5

SAMPLE DATE ENDING 79/05/01 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGESTED SLUDGE
CONVENTIONALS	BOD	MG/L	92	8	91	10240	480
	TOTAL SUSP. SOLIDS	MG/L	174	16	91	23320	20170
	COD	MG/L	320	78	76	33800	14800
	OIL & GREASE	MG/L	33	5	85	3275	2700
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	24	7	71	92	120
	TOTAL SOLIDS	MG/L	1005	739	26	25863	21259
	TOTAL DISS. SOLIDS	MG/L	831	723	13	2543	1089
	SETTLEABLE SOLIDS	ML/L	7	L 1	86	980	970
	TOTAL VOLATILE SOLIDS	MG/L	494	400	19	504	208
	VOLATILE DISS. SOLIDS	MG/L	341	387	-	1470	182
	TOTAL VOL. SUS. SOLIDS	MG/L	153	13	92	18000	9600
	AMMONIA NITROGEN	MG/L	14	9	36	38	375
	TOC	MG/L	69	15	78	9250	1300
VOLATILES	BENZENE	UG/L	4	1	75	8	N-D
	CHLOROBENZENE	UG/L	L 1	1	-	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	14	4	71	N-D	N-D
	CHLOROFORM	UG/L	10	7	30	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	L 1	L 1	-	120	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 2	-	35	N-D
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	5	N-D
	1,3-DICHLOROPROPYLENE	UG/L	4	L 2	50	N-D	N-D
	ETHYLBENZENE	UG/L	7	1	86	130	16
	METHYLENE CHLORIDE	UG/L	390	190	51	220	N-D
	METHYL CHLORIDE	UG/L	L 34	L 34	-	94	N-D
	DICHLOROBROMOMETHANE	UG/L	2	2	-	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	81	18	78	79	N-D
	TOLUENE	UG/L	21	1	95	78	36
	TRICHLOROETHYLENE	UG/L	67	18	73	210	N-D
	VINYL CHLORIDE	UG/L	L 33	L 33	-	150	N-D
ACID EXTRACT	PHENOL	UG/L	1	L 1	-	N-D	N-D
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	20	N-D
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	34	N-D
	NAPHTHALENE	UG/L	L 3	L 3	-	110	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	7	3	57	870	270
	BUTYL BENZYL PHTHALATE	UG/L	3	L 2	33	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	7	L 2	71	N-D	N-D
	DI-N-OCTYL PHTHALATE	UG/L	L 4	L 4	-	120	290
	DIETHYL PHTHALATE	UG/L	4	L 2	50	N-D	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	170	110
	PHENANTHRENE	UG/L	L 3	L 3	-	170	110
	PYRENE	UG/L	L 2	L 2	-	16	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	94	78
	ARSENIC	UG/L	L 50	L 50	-	89	95
	BERYLLIUM	UG/L	4	L 2	50	3	7
	CADMIUM	UG/L	7	L 2	71	120	200

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/05/01
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 5

SAMPLE DATE ENDING 79/05/01 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGESTED SLUDGE
METALS	CHROMIUM	UG/L	123		29	76	5000	8300
	COPPER	UG/L	122		44	64	2700	4300
	CYANIDE	UG/L	6		8	-	272	13
	LEAD	UG/L	101	L	20	80	7300	10000
	NICKEL	UG/L	36	L	10	72	850	1700
	SELENIUM	UG/L	L 50	L	50	-	95	65
	SILVER	UG/L	40	L	2	95	1000	1000
	ZINC	UG/L	220		58	74	13000	26000
NON-CONV. METALS	ALUMINUM	UG/L	657		175	73	NOT RUN	NOT RUN
	BARIUM	UG/L	109		57	48	NOT RUN	NOT RUN
	CALCIUM	MG/L	75		71	5	NOT RUN	NOT RUN
	IRON	UG/L	1170		609	48	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	27		27	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	239		214	10	NOT RUN	NOT RUN
	SODIUM	MG/L	80		82	-	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/05/01
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 5

SAMPLE DATE ENDING 79/05/02 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL		COMBINED SLUDGE		DIGESTED SLUDGE
CONVENTIONALS	BOD	MG/L		160		12	92		15680		7840
	TOTAL SUSP. SOLIDS	MG/L		158		9	94		24800		14860
	COD	MG/L		555		62	89		35900		10950
	OIL & GREASE	MG/L		34		2	94		4500		2100
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L		31		9	71		113		114
	TOTAL SOLIDS	MG/L		895		761	15		28056		16754
	TOTAL DISS. SOLIDS	MG/L		737		752	-		3256		1894
	SETTLEABLE SOLIDS	ML/L		7	L	1	86		995		290
	TOTAL VOLATILE SOLIDS	MG/L		492		416	15		586		130
	VOLATILE DISS. SOLIDS	MG/L		357		407	-		1962		688
	TOTAL VOL. SUS. SOLIDS	MG/L		135		9	93		18920		7080
	AMMONIA NITROGEN	MG/L		13		10	23		39		413
	TOC	MG/L		71		14	80		8500		950
VOLATILES	BENZENE	UG/L		5		1	80		34	L	1
	CHLOROBENZENE	UG/L	L	1		2	-		N-D		N-D
	1,1,1-TRICHLOROETHANE	UG/L		16	L	2	88		N-D		9
	1,1,2,2-TETRACHLOROETHANE	UG/L	L	1	L	1	-		N-D		96
	CHLOROFORM	UG/L		11		9	18		N-D		N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L		2	L	2	-		1100		14
	1,2-DICHLOROPROPANE	UG/L		1	L	1	-		N-D		N-D
	ETHYLBENZENE	UG/L		11		2	82		110		120
	METHYLENE CHLORIDE	UG/L		1950		800	59		120		17
	METHYL CHLORIDE	UG/L	L	34	L	34	-		34		30
	DICHLOROBROMOMETHANE	UG/L		3		4	-		N-D		N-D
	CHLORODIBROMOMETHANE	UG/L	L	1		3	-		N-D		3
	TETRACHLOROETHYLENE	UG/L		97		37	62		2		N-D
	TOLUENE	UG/L		28		1	96		300		210
	TRICHLOROETHYLENE	UG/L		38		18	53		55		N-D
ACID EXTRACT	PHENOL	UG/L	L	1	L	1	-		68		N-D
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L		12		5	58		550		410
	BUTYL BENZYL PHTHALATE	UG/L		5	L	2	60		N-D		N-D
	DI-N-BUTYL PHTHALATE	UG/L		7	L	2	71		N-D		N-D
	DIETHYL PHTHALATE	UG/L		4	L	2	50		N-D		N-D
PESTICIDES	GAMMA-BHC	NG/L	L	1000		100	-	L	1000	L	1000
METALS	ANTIMONY	UG/L	L	50	L	50	-	L	10		61
	ARSENIC	UG/L	L	50	L	50	-		12		82
	BERYLLIUM	UG/L		3	L	2	33		7		3
	CADMIUM	UG/L		13		4	69		760		180
	CHROMIUM	UG/L		111		36	68		11000		4600
	COPPER	UG/L		84		40	52		3900		1600
	CYANIDE	UG/L		11		9	18		247		23
	LEAD	UG/L		71		23	68		8800		8300
	NICKEL	UG/L	L	10	L	10	-		1500		740
	SELENIUM	UG/L	L	50	L	50	-		23		58

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/05/02
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 5

SAMPLE DATE ENDING 79/05/02 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGES. SLUDGE
METALS	SILVER	UG/L	37	5	86	1300	550
	ZINC	UG/L	221	61	72	28000	16000
NON-CONV. METALS	ALUMINUM	UG/L	468	124	74	NOT RUN	NOT RUN
	BARIUM	UG/L	96	58	40	NOT RUN	NOT RUN
	CALCIUM	MG/L	75	76	-	NOT RUN	NOT RUN
	IRON	UG/L	924	206	78	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	28	28	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	229	214	7	NOT RUN	NOT RUN
	SODIUM	MG/L	86	84	2	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/05/02
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
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DAILY ANALYTICAL RESULTS

PLANT 5

SAMPLE DATE ENDING 79/05/03 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGESTED SLUDGE
CONVENTIONALS	BOD	MG/L		185		13	93	17600	2360
	TOTAL SUSP. SOLIDS	MG/L		187		14	93	36330	16070
	COD	MG/L		360		68	81	41200	12120
	OIL & GREASE	MG/L		38		2	95	4300	2550
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L		40		7	82	80	950
	TOTAL SOLIDS	MG/L		885		735	17	40198	16410
	TOTAL DISS. SOLIDS	MG/L		698		721	-	3868	340
	SETTLEABLE SOLIDS	ML/L		8	L	1	88	1000	980
	TOTAL VOLATILE SOLIDS	MG/L		488		326	33	1072	129
	VOLATILE DISS. SOLIDS	MG/L		366		313	14	2953	60
	TOTAL VOL. SUS. SOLIDS	MG/L		122		12	90	23710	7800
	AMMONIA NITROGEN	MG/L		12		8	33	49	400
	TOC	MG/L		58		14	76	7760	1350
VOLATILES	BENZENE	UG/L		5		1	80	27	7
	1,1,1-TRICHLOROETHANE	UG/L		14		3	79	N-D	N-D
	CHLOROFORM	UG/L		10		5	50	N-D	25
	1,1-DICHLOROETHYLENE	UG/L		1	L	1	-	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L		2	L	2	-	610	28
	ETHYLBENZENE	UG/L		14	L	1	93	250	190
	METHYLENE CHLORIDE	UG/L		1330		1570	-	190	42
	METHYL CHLORIDE	UG/L	L	34	L	34	-	51	N-D
	DICHLOROBROMOMETHANE	UG/L		3		2	33	N-D	N-D
	CHLORODIBROMOMETHANE	UG/L		2	L	1	50	N-D	N-D
	TETRACHLOROETHYLENE	UG/L		93		22	76	N-D	N-D
	TOLUENE	UG/L		23	L	1	96	280	360
	TRICHLOROETHYLENE	UG/L		31		7	77	390	13
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L		1	L	1	-	N-D	N-D
	PHENOL	UG/L		1		1	-	94	N-D
BASE-NEUTRALS	NAPHTHALENE	UG/L		5	L	3	40	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L		39		4	90	770	440
	BUTYL BENZYL PHTHALATE	UG/L		5	L	2	60	N-D	N-D
	ANTHRACENE	UG/L	L	3	L	3	-	N-D	73
	PHENANTHRENE	UG/L	L	3	L	3	-	N-D	73
METALS	ANTIMONY	UG/L	L	50	L	50	-	140	50
	ARSENIC	UG/L	L	50	L	50	-	240	68
	BERYLLIUM	UG/L	L	2	L	2	-	14	6
	CADMIUM	UG/L		6	L	2	67	550	470
	CHROMIUM	UG/L		88		31	65	8900	6500
	COPPER	UG/L		65		37	43	4300	2200
	CYANIDE	UG/L		26		4	85	244	32
	LEAD	UG/L		68	L	20	71	17000	7600
	NICKEL	UG/L		14	L	10	29	1300	1100
	SELENIUM	UG/L	L	50	L	50	-	100	41
	SILVER	UG/L		26		4	85	1000	730
	ZINC	UG/L		219		69	68	35000	22000

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/05/03
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 5

SAMPLE DATE ENDING 79/05/03 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGESTED SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L	2130	176	92	NOT RUN	NOT RUN
	BARIUM	UG/L	107	53	50	NOT RUN	NOT RUN
	CALCIUM	MG/L	70	69	1	NOT RUN	NOT RUN
	IRON	UG/L	2230	250	89	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	26	27	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	248	205	17	NOT RUN	NOT RUN
	SODIUM	MG/L	98	93	5	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/05/03
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 5

SAMPLE DATE ENDING 79/05/04 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL		COMBINED SLUDGE		DIGESTED SLUDGE
CONVENTIONALS	BOD	MG/L		141		11	92		14560		2960
	TOTAL SUSP. SOLIDS	MG/L		121		10	92		27810		17600
	COD	MG/L		324		48	85		34900		11800
	OIL & GREASE	MG/L		25		2	92		3825		3125
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L		29		7	76		98		91
	TOTAL SOLIDS	MG/L		865		675	22		30945		18620
	TOTAL DISS. SOLIDS	MG/L		744		665	11		3135		1020
	SETTLEABLE SOLIDS	ML/L		5	L	1	80		1000		980
	TOTAL VOLATILE SOLIDS	MG/L		456		346	24		667		163
	VOLATILE DISS. SOLIDS	MG/L		357		336	6		2560		335
	TOTAL VOL. SUS. SOLIDS	MG/L		99		10	90		18990		8430
	AMMONIA NITROGEN	MG/L		12		8	33		29		400
	TOC	MG/L		65		14	78		6000		1250
VOLATILES	BENZENE	UG/L		8	L	1	88		64		11
	CHLOROBENZENE	UG/L		1	L	1	-		N-D		3
	1,1,1-TRICHLOROETHANE	UG/L		36		6	83		N-D		N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L		3	L	1	67	I	200		59
	CHLOROFORM	UG/L		15		8	47		2		N-D
	1,1-DICHLOROETHYLENE	UG/L	L	1	L	1	-		10		N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L		3	L	2	33		2800		43
	1,3-DICHLOROPROPYLENE	UG/L		8	L	2	75		N-D		N-D
	ETHYLBENZENE	UG/L		12	L	1	92		90		15
	METHYLENE CHLORIDE	UG/L		310		183	41		73		1
	METHYL CHLORIDE	UG/L	L	34	L	34	-		36		18
	DICHLOROBROMOMETHANE	UG/L		4		2	50		N-D		N-D
	CHLORODIBROMOMETHANE	UG/L		2		2	-		13		N-D
	TETRACHLOROETHYLENE	UG/L		160		24	85		N-D		N-D
	TOLUENE	UG/L		43	L	1	98		98		26
	TRICHLOROETHYLENE	UG/L		90		16	82		170	T	1
	VINYL CHLORIDE	UG/L	L	33	L	33	-		9600		700
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L		1	L	1	-		N-D		N-D
	PHENOL	UG/L		1	L	1	-		N-D		N-D
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L	4	L	4	-		120		35
	NAPHTHALENE	UG/L		6	L	3	50		200		N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L		19		12	37		5600		13000
	BUTYL BENZYL PHTHALATE	UG/L		8	L	2	75		1600		N-D
	ANTHRACENE	UG/L	L	3	L	3	-		140		86
	PHENANTHRENE	UG/L	L	3	L	3	-		140		86
	PYRENE	UG/L	L	2	L	2	-		42		N-D
METALS	ANTIMONY	UG/L	L	50	L	50	-		40		33
	ARSENIC	UG/L	L	50	L	50	-		54		53
	BERYLLIUM	UG/L	L	2	L	2	-		8		5
	CADMIUM	UG/L		3	L	2	33		290		280
	CHROMIUM	UG/L		132		43	67		8800		9200
	COPPER	UG/L		66		23	65		2600		2900

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/05/04
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 5

SAMPLE DATE ENDING 79/05/04 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGESTED SLUDGE
METALS	CYANIDE	UG/L	11	6	45	207	67
	LEAD	UG/L	44	L 20	55	8200	10000
	NICKEL	UG/L	L 10	L 10	-	960	1500
	SELENIUM	UG/L	L 50	L 50	-	28	30
	SILVER	UG/L	16	L 2	88	1400	1100
	ZINC	UG/L	200	63	68	20000	27000
NON-CONV. METALS	ALUMINUM	UG/L	654	166	75	NOT RUN	NOT RUN
	BARIUM	UG/L	103	53	49	NOT RUN	NOT RUN
	CALCIUM	MG/L	72	69	4	NOT RUN	NOT RUN
	IRON	UG/L	1100	219	80	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	27	26	4	NOT RUN	NOT RUN
	MANGANESE	UG/L	221	202	9	NOT RUN	NOT RUN
	SODIUM	MG/L	87	92	-	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/05/04
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 5

SAMPLE DATE ENDING 79/05/05 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGESTED SLUDGE
CONVENTIONALS	BOD	MG/L	142	22	85	16747	2933
	TOTAL SUSP. SOLIDS	MG/L	111	13	88	23320	17960
	COD	MG/L	326	66	80	32400	13760
	OIL & GREASE	MG/L	33	1	97	5325	2950
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	33	10	70	105	132
	TOTAL SOLIDS	MG/L	840	558	34	27670	19280
	TOTAL DISS. SOLIDS	MG/L	729	545	25	4350	1320
	SETTLEABLE SOLIDS	ML/L	8	L 1	88	980	970
	TOTAL VOLATILE SOLIDS	MG/L	546	389	29	587	175
	VOLATILE DISS. SOLIDS	MG/L	449	376	16	3205	605
	TOTAL VOL. SUS. SOLIDS	MG/L	97	13	87	18000	8490
	AMMONIA NITROGEN	MG/L	10	4	60	29	488
	TOC	MG/L	69	13	81	7250	1400
VOLATILES	BENZENE	UG/L	6	L 1	83	73	7
	1,1,1-TRICHLOROETHANE	UG/L	28	5	82	N-D	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	3	L 1	67	I 0	26
	CHLOROFORM	UG/L	16	9	44	7	11
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 2	-	3300	25
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	44	N-D
	1,3-DICHLOROPROPYLENE	UG/L	6	L 2	67	N-D	N-D
	ETHYLBENZENE	UG/L	11	L 1	91	94	38
	METHYLENE CHLORIDE	UG/L	61	53	13	4	1
	METHYL CHLORIDE	UG/L	L 34	L 34	-	36	I 2
	DICHLOROBROMOMETHANE	UG/L	2	2	-	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	150	30	80	N-D	N-D
	TOLUENE	UG/L	86	L 1	99	120	46
	TRICHLOROETHYLENE	UG/L	62	22	65	150	N-D
	VINYL CHLORIDE	UG/L	L 33	L 33	-	10000	U 0
ACID EXTRACT	PHENOL	UG/L	1	L 1	-	N-D	N-D
BASE-NEUTRALS	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	55	38
	FLUORANTHENE	UG/L	L 3	L 3	-	N-D	57
	NAPHTHALENE	UG/L	8	L 3	63	400	110
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	21	3	86	11000	9300
	BUTYL BENZYL PHTHALATE	UG/L	9	L 2	78	1100	910
	DI-N-OCTYL PHTHALATE	UG/L	L 4	L 4	-	160	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	160	250
	PHENANTHRENE	UG/L	L 3	L 3	-	160	250
	PYRENE	UG/L	L 2	L 2	-	N-D	55
PESTICIDES	GAMMA-BHC	NG/L	L 10	110	-	1000	L 1000
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 10	33
	ARSENIC	UG/L	L 50	L 50	-	16	36
	BERYLLIUM	UG/L	L 2	L 2	-	3	8
	CADMIUM	UG/L	3	L 2	33	230	480
	CHROMIUM	UG/L	113	43	62	7500	9300

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/05/05
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 5

SAMPLE DATE ENDING 79/05/05 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGESTED SLUDGE
METALS	COPPER	UG/L		42		38	10	2300	3000
	CYANIDE	UG/L		10		2	80	196	16
	LEAD	UG/L		50	L	20	66	7100	11000
	NICKEL	UG/L		20	L	10	50	980	1300
	SELENIUM	UG/L	L	50	L	50	-	24	22
	SILVER	UG/L		16	L	2	88	1100	870
	ZINC	UG/L		285		62	78	21000	30000
NON-CONV. METALS	ALUMINUM	UG/L		450		116	75	NOT RUN	NOT RUN
	BARIUM	UG/L		99		45	55	NOT RUN	NOT RUN
	CALCIUM	MG/L		78		57	27	NOT RUN	NOT RUN
	IRON	UG/L		699		203	71	NOT RUN	NOT RUN
	MAGNESIUM	MG/L		29		22	24	NOT RUN	NOT RUN
	MANGANESE	UG/L		237		164	31	NOT RUN	NOT RUN
	SODIUM	MG/L		94		75	20	NOT RUN	NOT RUN

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B D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 5

SAMPLE DATE ENDING 79/05/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGESTED SLUDGE
CONVENTIONALS	BOD	MG/L	110	9	92	19200	2520
	TOTAL SUSP. SOLIDS	MG/L	131	11	92	23020	17970
	COD	MG/L	360	88	76	33500	12840
	OIL & GREASE	MG/L	35	3	91	3900	3050
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	24	7	71	107	138
	TOTAL SOLIDS	MG/L	844	704	17	26454	18116
	TOTAL DISS. SOLIDS	MG/L	713	693	3	3434	430
	SETTLEABLE SOLIDS	ML/L	6	L 1	83	995	970
	TOTAL VOLATILE SOLIDS	MG/L	404	349	14	524	163
	VOLATILE DISS. SOLIDS	MG/L	290	339	-	2408	282
	TOTAL VOL. SUS. SOLIDS	MG/L	114	10	91	17470	8770
	AMMONIA NITROGEN	MG/L	11	5	55	23	438
	TOC	MG/L	50	15	70	6400	1400
VOLATILES	BENZENE	UG/L	4	L 1	75	43	8
	1,1,1-TRICHLOROETHANE	UG/L	6	L 2	67	N-D	N-D
	CHLOROFORM	UG/L	10	5	50	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 2	-	1400	19
	1,3-DICHLOROPROPYLENE	UG/L	5	L 2	60	N-D	N-D
	ETHYLBENZENE	UG/L	7	L 1	86	320	58
	METHYLENE CHLORIDE	UG/L	17	14	18	N-D	2
	METHYL CHLORIDE	UG/L	L 34	L 34	-	I 20	1
	DICHLOROBROMOMETHANE	UG/L	2	L 1	50	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	110	23	79	N-D	N-D
	TOLUENE	UG/L	21	L 1	95	320	65
	TRICHLOROETHYLENE	UG/L	7	3	57	N-D	N-D
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	L 1	L 1	-	N-D	23
	PENTACHLOROPHENOL	UG/L	L 5	L 5	-	N-D	32
	PHENOL	UG/L	1	L 1	-	N-D	290
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 4	L 4	-	N-D	45
	NAPHTHALENE	UG/L	L 3	L 3	-	N-D	80
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	68	11	84	2800	1600
	BUTYL BENZYL PHTHALATE	UG/L	5	L 2	60	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	4	L 2	50	N-D	N-D
	DIETHYL PHTHALATE	UG/L	2	L 2	-	N-D	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	84	91
	PHENANTHRENE	UG/L	L 3	L 3	-	84	91
PESTICIDES	BETA-BHC	NG/L	L 10	70	-	L 1000	L 1000
	GAMMA-BHC	NG/L	L 10	120	-	L 1000	L 1000
METALS	ANTIMONY	UG/L	L 50	L 50	-	NOT RUN	54
	ARSENIC	UG/L	L 50	L 50	-	56	81
	BERYLLIUM	UG/L	L 2	L 2	-	2	4
	CADMIUM	UG/L	3	L 2	33	360	260
	CHROMIUM	UG/L	47	27	43	8700	8700
	COPPER	UG/L	40	6	85	2200	2600

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/05/06
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 5

SAMPLE DATE ENDING 79/05/06 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	DIGESTED SLUDGE
METALS	CYANIDE	UG/L		5	L	1	80	161	16
	LEAD	UG/L		62	L	20	68	5400	8100
	NICKEL	UG/L	L	10	L	10	-	870	1100
	SELENIUM	UG/L	L	50	L	50	-	49	31
	SILVER	UG/L		4	L	2	50	820	550
	ZINC	UG/L		340		81	76	26000	24000
NON-CONV. METALS	ALUMINUM	UG/L		532		173	67	NOT RUN	NOT RUN
	BARIUM	UG/L		89		55	38	NOT RUN	NOT RUN
	CALCIUM	MG/L		71		76	-	NOT RUN	NOT RUN
	IRON	UG/L		1030		154	85	NOT RUN	NOT RUN
	MAGNESIUM	MG/L		28		29	-	NOT RUN	NOT RUN
	MANGANESE	UG/L		232		221	5	NOT RUN	NOT RUN
	SODIUM	MG/L		89		97	-	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 6

SAMPLE DATE ENDING 79/06/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	184	38	79	18701	23574
	TOTAL SUSP. SOLIDS	MG/L	950	40	96	44950	44250
	COD	MG/L	869	97	89	40538	54051
	OIL & GREASE	MG/L	10	7	30	2460	5440
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	304	65	79	1910	3480
	TOTAL SOLIDS	MG/L	1560	610	61	53080	49000
	TOTAL DISS. SOLIDS	MG/L	575	570	1	3420	2600
	TOTAL VOLATILE SOLIDS	MG/L	925	135	85	40640	37260
	VOLATILE DISS. SOLIDS	MG/L	230	95	59	840	760
	TOTAL VOL. SUS. SOLIDS	MG/L	790	40	95	39800	36500
	AMMONIA NITROGEN	MG/L	11	8	27	60	427
	TOC	MG/L	350	50	86	29000	29000
VOLATILES	BENZENE	UG/L	2	1	50	1	N-D
	CHLOROBENZENE	UG/L	L 1	L 1	-	1	1
	1,1,1-TRICHLOROETHANE	UG/L	120	35	71	29	N-D
	1,1-DICHLOROETHANE	UG/L	5	L 1	80	190	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	N-D	4
	CHLOROFORM	UG/L	4	2	50	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	16	12	25	N-D	140
	ETHYLBENZENE	UG/L	L 1	L 1	-	280	590
	METHYLENE CHLORIDE	UG/L	8	10	-	N-D	8
	METHYL CHLORIDE	UG/L	19	L 34	-	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	8	L 2	75	19	28
	TOLUENE	UG/L	183	33	82	G 1000	G 1000
	TRICHLOROETHYLENE	UG/L	590	91	85	23	10
	VINYL CHLORIDE	UG/L	G 1800	53	97	29000	G 37000
ACID EXTRACT	PARACHLOROMETA CRESOL	UG/L	31	4	87	N-D	N-D
	PENTACHLOROPHENOL	UG/L	16	L 5	69	N-D	N-D
	PHENOL	UG/L	L 1	L 1	-	840	1700
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 5	2	-	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	91	L 1	99	3800	4400
	DI-N-BUTYL PHTHALATE	UG/L	L 30	25	-	N-D	N-D
	DIETHYL PHTHALATE	UG/L	32	6	81	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 1	-	410	310
	CHRYSENE	UG/L	L 5	L 1	-	410	310
	ANTHRACENE	UG/L	87	32	63	2400	1200
	PHENANTHRENE	UG/L	87	32	63	2400	1200
METALS	ANTIMONY	UG/L	L 50	L 50	-	310	390
	ARSENIC	UG/L	L 50	L 50	-	300	270
	BERYLLIUM	UG/L	L 2	L 2	-	9	8
	CADMIUM	UG/L	1110	82	93	60000	74000
	CHROMIUM	UG/L	1380	91	93	84000	100000
	COPPER	UG/L	753	56	93	38000	45000
	CYANIDE	UG/L	19	43	-	3480	21400
	LEAD	UG/L	242	L 20	92	18000	18000

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DAILY ANALYTICAL RESULTS

PLANT &

SAMPLE DATE ENDING 79/06/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
METALS	MERCURY	NG/L	3800	400	89	510000	600000
	NICKEL	UG/L	349	109	69	14000	21000
	SELENIUM	UG/L	L 50	L 50	-	180	160
	SILVER	UG/L	17	L 2	88	970	940
	ZINC	UG/L	5500	492	91	270000	360000
NON-CONV. METALS	ALUMINUM	UG/L	3230	216	93	NOT RUN	NOT RUN
	BARIUM	UG/L	339	36	89	NOT RUN	NOT RUN
	CALCIUM	MG/L	50	41	18	NOT RUN	NOT RUN
	IRON	UG/L	9330	660	93	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	13	12	8	NOT RUN	NOT RUN
	MANGANESE	UG/L	328	127	61	NOT RUN	NOT RUN
	SODIUM	MG/L	97	106	-	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 6

SAMPLE DATE ENDING 79/06/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	218	9	96	24530	16380
	TOTAL SUSP. SOLIDS	MG/L	300	20	93	51000	49000
	COD	MG/L	587	19	97	75675	66023
	OIL & GREASE	MG/L	15	6	60	3380	3180
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	170	L 40	76	4400	7830
	TOTAL SOLIDS	MG/L	1075	580	46	53920	51300
	TOTAL DISS. SOLIDS	MG/L	570	530	7	21120	2200
	TOTAL VOLATILE SOLIDS	MG/L	385	110	71	41720	39860
	VOLATILE DISS. SOLIDS	MG/L	115	107	7	320	860
	TOTAL VOL. SUS. SOLIDS	MG/L	270	NOT RUN	-	41400	39000
	AMMONIA NITROGEN	MG/L	9	5	44	103	461
	TOC	MG/L	200	40	80	28000	31000
VOLATILES	BENZENE	UG/L	1	L 1	-	16	12
	1,2-DICHLOROETHANE	UG/L	6	L 2	67	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	1600	130	92	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	3	1	67	250	N-D
	1,1,2-TRICHLOROETHANE	UG/L	7	L 2	71	N-D	N-D
	CHLOROFORM	UG/L	7	3	57	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	8	1	88	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	9	4	56	N-D	160
	ETHYLBENZENE	UG/L	3	L 1	67	89	320
	METHYLENE CHLORIDE	UG/L	6	3	50	130	N-D
	METHYL CHLORIDE	UG/L	31	L 34	-	N-D	N-D
	DICHLOROBROMOMETHANE	UG/L	2	L 1	50	N-D	N-D
	TRICHLOROFLUOROMETHANE	UG/L	12	14	-	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	12	L 2	83	43	36
	TOLUENE	UG/L	50	6	88	G 320	G 320
	TRICHLOROETHYLENE	UG/L	640	73	89	N-D	N-D
	VINYL CHLORIDE	UG/L	1700	140	92	62000	68000
ACID EXTRACT	PARACHLOROMETA CRESOL	UG/L	6	L 1	83	N-D	N-D
	PENTACHLOROPHENOL	UG/L	29	L 5	83	N-D	N-D
	PHENOL	UG/L	L 1	L 1	-	1100	2400
BASE-NEUTRALS	ACENAPHTHENE	UG/L	5	2	60	N-D	N-D
	1,4-DICHLOROBENZENE	UG/L	5	L 1	80	N-D	N-D
	NAPHTHALENE	UG/L	3	L 2	33	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	28	9	68	2700	6600
	BUTYL BENZYL PHTHALATE	UG/L	L 1	L 1	-	1100	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 6	9	-	360	N-D
	DIETHYL PHTHALATE	UG/L	L 1	3	-	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	L 1	L 1	-	360	N-D
	CHRYSENE	UG/L	L 1	L 1	-	360	N-D
	ANTHRACENE	UG/L	18	11	39	1300	1400
	1,12-BENZOPERYLENE	UG/L	L 3	4	-	N-D	N-D
	FLUORENE	UG/L	L 1	1	-	N-D	N-D
	PHENANTHRENE	UG/L	18	11	39	1300	1400

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N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 6

SAMPLE DATE ENDING 79/06/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
METALS	ANTIMONY	UG/L	L 50	L 50	-	380	330
	ARSENIC	UG/L	L 50	L 50	-	280	240
	BERYLLIUM	UG/L	L 2	L 2	-	17	10
	CADMIUM	UG/L	660	80	88	86000	76000
	CHROMIUM	UG/L	929	65	93	50000	71000
	COPPER	UG/L	467	88	81	56000	58000
	CYANIDE	UG/L	29	2140	-	26740	24960
	LEAD	UG/L	82	26	68	17000	6800
	MERCURY	NG/L	2100	200	90	690000	200000
	NICKEL	UG/L	652	579	11	19000	16000
	SELENIUM	UG/L	L 50	L 50	-	170	110
	SILVER	UG/L	10	19	-	610	820
	ZINC	UG/L	2290	376	84	420000	350000
NON-CONV. METALS	ALUMINUM	UG/L	1170	109	91	NOT RUN	NOT RUN
	BARIUM	UG/L	156	31	80	NOT RUN	NOT RUN
	CALCIUM	MG/L	47	42	11	NOT RUN	NOT RUN
	IRON	UG/L	3550	303	91	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	13	12	8	NOT RUN	NOT RUN
	MANGANESE	UG/L	195	141	28	NOT RUN	NOT RUN
	SODIUM	MG/L	135	112	17	NOT RUN	NOT RUN

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L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 6

SAMPLE DATE ENDING 79/06/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	300	34	89	24900	20652
	TOTAL SUSP. SOLIDS	MG/L	860	30	97	55100	49100
	COD	MG/L	1105	115	90	71128	59209
	OIL & GREASE	MG/L	48	NOT RUN	-	5860	4600
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	240	L 400	-	5200	7130
	TOTAL SOLIDS	MG/L	1545	695	55	56000	49840
	TOTAL DISS. SOLIDS	MG/L	740	675	9	420	740
	TOTAL VOLATILE SOLIDS	MG/L	790	120	85	43080	37900
	VOLATILE DISS. SOLIDS	MG/L	100	135	-	380	400
	TOTAL VOL. SUS. SOLIDS	MG/L	690	15	98	42700	37500
	AMMONIA NITROGEN	MG/L	28	9	68	80	490
	TOC	MG/L	360	30	92	35000	31000
VOLATILES	BENZENE	UG/L	2	L 1	50	20	23
	1,2-DICHLOROETHANE	UG/L	59	8	86	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	630	81	87	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	24	L 3	88	410	N-D
	CHLOROETHANE	UG/L	L 15	L 15	-	N-D	2400
	CHLOROFORM	UG/L	8	3	63	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	2	L 1	50	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	11	7	36	2800	180
	ETHYLBENZENE	UG/L	L 1	L 1	-	180	330
	METHYLENE CHLORIDE	UG/L	31	29	6	N-D	15
	METHYL CHLORIDE	UG/L	110	L 34	69	N-D	N-D
	TRICHLOROFLUOROMETHANE	UG/L	13	14	-	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	10	L 2	80	72	84
	TOLUENE	UG/L	500	36	93	G 420	G 420
	TRICHLOROETHYLENE	UG/L	810	65	92	70	N-D
	VINYL CHLORIDE	UG/L	3900	110	97	G 30000	55000
ACID EXTRACT	PARACHLOROMETA CRESOL	UG/L	7	2	71	N-D	N-D
	2,4-DICHLOROPHENOL	UG/L	4	L 1	75	N-D	N-D
	PENTACHLOROPHENOL	UG/L	9	5	44	N-D	N-D
	PHENOL	UG/L	L 1	L 1	-	1300	1900
BASE-NEUTRALS	1,3-DICHLOROBENZENE	UG/L	15	L 1	93	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	92	15	84	7800	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	L 5	L 1	-	2600	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	105	7	93	1100	NOT RUN
	DIETHYL PHTHALATE	UG/L	10	L 1	90	N-D	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 1	-	850	NOT RUN
	CHRYSENE	UG/L	L 5	L 1	-	850	NOT RUN
	ANTHRACENE	UG/L	48	1	98	1900	NOT RUN
	PHENANTHRENE	UG/L	48	1	98	1900	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	490	350
	ARSENIC	UG/L	L 50	L 50	-	300	120
	BERYLLIUM	UG/L	L 2	L 2	-	10	10
	CADMIUM	UG/L	1310	62	95	79000	85000

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/06/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 6

SAMPLE DATE ENDING 79/06/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
METALS	CHROMIUM	UG/L	1630	64	96	48000	76000
	COPPER	UG/L	933	37	96	56000	40000
	CYANIDE	UG/L	21	55	-	28530	13370
	LEAD	UG/L	264	31	88	15000	7300
	MERCURY	NG/L	3900	200	95	630000	630000
	NICKEL	UG/L	482	227	53	15000	18000
	SELENIUM	UG/L	L 50	L 50	-	150	140
	SILVER	UG/L	23	L 2	91	760	760
	ZINC	UG/L	6710	463	93	380000	380000
NON-CONV. METALS	ALUMINUM	UG/L	3160	132	96	NOT RUN	NOT RUN
	BARIUM	UG/L	372	31	92	NOT RUN	NOT RUN
	CALCIUM	MG/L	62	48	23	NOT RUN	NOT RUN
	IRON	UG/L	9940	525	95	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	16	13	19	NOT RUN	NOT RUN
	MANGANESE	UG/L	396	164	59	NOT RUN	NOT RUN
	SODIUM	MG/L	136	140	-	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/06/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 6

SAMPLE DATE ENDING 79/06/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	311	10	97	17184	15584
	TOTAL SUSP. SOLIDS	MG/L	520	25	95	55200	50000
	COD	MG/L	824	88	89	73529	64706
	OIL & GREASE	MG/L	75	NOT RUN	-	6480	6320
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	380	L 40	89	6090	7990
	TOTAL SOLIDS	MG/L	1415	700	51	55400	50300
	TOTAL DISS. SOLIDS	MG/L	760	680	11	1150	300
	TOTAL VOLATILE SOLIDS	MG/L	705	165	77	43350	39200
	VOLATILE DISS. SOLIDS	MG/L	235	140	40	150	200
	TOTAL VOL. SUS. SOLIDS	MG/L	470	25	95	43200	39200
	AMMONIA NITROGEN	MG/L	35	25	29	126	619
	TOC	MG/L	435	28	94	19320	20350
VOLATILES	BENZENE	UG/L	1	L 1	-	12	10
	1,1,1-TRICHLOROETHANE	UG/L	120	18	85	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	8	2	75	170	N-D
	CHLOROETHANE	UG/L	L 15	L 15	-	N-D	3200
	CHLOROFORM	UG/L	9	4	56	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	3	L 1	67	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	30	9	70	1000	130
	ETHYLBENZENE	UG/L	L 1	L 1	-	300	280
	METHYLENE CHLORIDE	UG/L	78	38	51	170	3
	METHYL CHLORIDE	UG/L	15	L 34	-	N-D	N-D
	DICHLOROBROMOMETHANE	UG/L	2	1	50	N-D	N-D
	TRICHLOROFLUOROMETHANE	UG/L	6	4	33	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	9	1	89	68	72
	TOLUENE	UG/L	180	22	88	G 390	G 320
	TRICHLOROETHYLENE	UG/L	500	73	85	62	N-D
	VINYL CHLORIDE	UG/L	1000	200	80	49000	33000
ACID EXTRACT	PARACHLOROMETA CRESOL	UG/L	8	1	88	N-D	N-D
	PENTACHLOROPHENOL	UG/L	10	5	50	N-D	N-D
	PHENOL	UG/L	L 1	L 1	-	850	1500
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 5	1	-	N-D	N-D
	2,4-DINITROTOLUENE	UG/L	8	2	75	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	67	8	88	3500	4300
	BUTYL BENZYL PHTHALATE	UG/L	L 5	2	-	1200	N-D
	DI-N-BUTYL PHTHALATE	UG/L	55	15	73	500	N-D
	DIETHYL PHTHALATE	UG/L	21	4	81	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	2	-	400	N-D
	CHRYSENE	UG/L	L 5	2	-	400	N-D
	ANTHRACENE	UG/L	65	18	72	950	970
	1,12-BENZOPERYLENE	UG/L	35	L 3	91	N-D	N-D
	PHENANTHRENE	UG/L	65	18	72	950	970
METALS	ANTIMONY	UG/L	L 50	L 50	-	370	360
	ARSENIC	UG/L	L 50	L 50	-	340	210
	BERYLLIUM	UG/L	L 2	L 2	-	10	9

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/06/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 6

SAMPLE DATE ENDING 79/06/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
METALS	CADMIUM	UG/L	991	75	92	89000	87000
	CHROMIUM	UG/L	1280	50	96	92000	84000
	COPPER	UG/L	752	29	96	54000	41000
	CYANIDE	UG/L	204	96	53	24150	8050
	LEAD	UG/L	174	25	86	20000	7700
	MERCURY	NG/L	3400	200	94	630000	400000
	NICKEL	UG/L	331	207	37	19000	18000
	SELENIUM	UG/L	L 50	L 50	-	170	180
	SILVER	UG/L	14	L 2	86	1000	640
	ZINC	UG/L	4660	551	88	420000	390000
NON-CONV. METALS	ALUMINUM	UG/L	2000	99	95	NOT RUN	NOT RUN
	BARIUM	UG/L	275	31	89	NOT RUN	NOT RUN
	CALCIUM	MG/L	56	52	7	NOT RUN	NOT RUN
	IRON	UG/L	6830	310	95	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	15	14	7	NOT RUN	NOT RUN
	MANGANESE	UG/L	301	179	41	NOT RUN	NOT RUN
	SODIUM	MG/L	155	141	9	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/06/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 6

SAMPLE DATE ENDING 79/06/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	397	10	97	15678	12168
	TOTAL SUSP. SOLIDS	MG/L	740	10	99	49000	45500
	COD	MG/L	1357	94	93	71370	66664
	OIL & GREASE	MG/L	111	NOT RUN	-	5450	9150
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	480	109	77	4340	9570
	TOTAL SOLIDS	MG/L	1500	785	48	49350	45600
	TOTAL DISS. SOLIDS	MG/L	735	717	2	900	400
	TOTAL VOLATILE SOLIDS	MG/L	800	160	80	37500	33800
	VOLATILE DISS. SOLIDS	MG/L	185	145	22	100	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	600	10	98	37400	33800
	AMMONIA NITROGEN	MG/L	14	12	14	122	780
	TOC	MG/L	614	33	95	21200	16600
VOLATILES	BENZENE	UG/L	L 1	L 1	-	12	18
	1,1,1-TRICHLOROETHANE	UG/L	L 2	10	-	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	3	-	N-D	N-D
	CHLOROETHANE	UG/L	L 15	L 15	-	1000	1800
	CHLOROFORM	UG/L	L 1	3	-	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	243	L 1	100	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	49	7	86	70	29
	ETHYLBENZENE	UG/L	L 1	L 1	-	500	140
	METHYLENE CHLORIDE	UG/L	47	14	70	42	140
	METHYL CHLORIDE	UG/L	17	L 34	-	N-D	N-D
	DICHLOROBROMOMETHANE	UG/L	L 1	1	-	N-D	N-D
	TRICHLOROFLUOROMETHANE	UG/L	4	3	25	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	10	1	90	120	49
	TOLUENE	UG/L	190	18	91	G 580	G 320
	TRICHLOROETHYLENE	UG/L	210	53	75	17	N-D
	VINYL CHLORIDE	UG/L	940	74	92	9000	5500
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	14	L 5	64	N-D	N-D
	PHENOL	UG/L	1	1	-	620	1800
BASE-NEUTRALS	2,4-DINITROTOLUENE	UG/L	L 5	1	-	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	57	16	72	8100	I 530
	BUTYL BENZYL PHTHALATE	UG/L	L 5	L 1	-	2500	N-D
	DI-N-BUTYL PHTHALATE	UG/L	69	8	88	1300	N-D
	DIETHYL PHTHALATE	UG/L	26	L 1	96	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	1	-	920	N-D
	CHRYSENE	UG/L	L 5	1	-	920	N-D
	ANTHRACENE	UG/L	93	1	99	980	N-D
	PHENANTHRENE	UG/L	93	1	99	980	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	400	250
	ARSENIC	UG/L	L 50	L 50	-	240	260
	BERYLLIUM	UG/L	L 2	L 2	-	7	10
	CADMIUM	UG/L	1800	72	96	86000	76000
	CHROMIUM	UG/L	2380	66	97	74000	4.700
	COPPER	UG/L	1100	39	96	50000	50000

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/06/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 6

SAMPLE DATE ENDING 79/06/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
METALS	CYANIDE	UG/L	209	L	5	98	27300	20100
	LEAD	UG/L	290		26	91	16000	9900
	MERCURY	NG/L	3500		200	94	590000	550000
	NICKEL	UG/L	463		175	62	16000	16000
	SELENIUM	UG/L	50	L	50	-	160	150
	SILVER	UG/L	16	L	2	88	990	1200
	ZINC	UG/L	7680		534	93	410000	360000
NON-CONV. METALS	ALUMINUM	UG/L	2940		143	95	NOT RUN	NOT RUN
	BARIUM	UG/L	451		29	94	NOT RUN	NOT RUN
	CALCIUM	MG/L	63		46	27	NOT RUN	NOT RUN
	IRON	UG/L	10000		348	97	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	17		13	24	NOT RUN	NOT RUN
	MANGANESE	UG/L	314		148	53	NOT RUN	NOT RUN
	SODIUM	MG/L	164		152	7	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/06/16
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DAILY ANALYTICAL RESULTS

PLANT 6

SAMPLE DATE ENDING 79/06/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	168	9	95	12151	12776
	TOTAL SUSP. SOLIDS	MG/L	420	35	92	52800	48700
	COD	MG/L	682	373	45	75	69
	OIL & GREASE	MG/L	66	NOT RUN	-	6300	1000
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	280	52	81	6090	8520
	TOTAL SOLIDS	MG/L	1125	725	36	54550	49350
	TOTAL DISS. SOLIDS	MG/L	685	702	-	700	600
	TOTAL VOLATILE SOLIDS	MG/L	460	100	78	42100	37950
	VOLATILE DISS. SOLIDS	MG/L	100	80	20	500	450
	TOTAL VOL. SUS. SOLIDS	MG/L	360	20	94	41600	37500
	AMMONIA NITROGEN	MG/L	21	13	38	L 122	732
	TOC	MG/L	384	57	85	11530	25800
VOLATILES	BENZENE	UG/L	L 1	L 1	-	11	N-D
	CARBON TETRACHLORIDE	UG/L	L 2	L 2	-	62	N-D
	1,1,1-TRICHLORDETHANE	UG/L	32	7	78	170	N-D
	1,1-DICHLORDETHANE	UG/L	6	2	67	250	N-D
	CHLORDETHANE	UG/L	L 15	L 15	-	N-D	3400
	CHLOROFORM	UG/L	7	3	57	N-D	N-D
	1,2-TRANS-DICHLORDETHYLENE	UG/L	97	6	94	G 1400	58
	ETHYLBENZENE	UG/L	3	L 1	67	550	690
	METHYLENE CHLORIDE	UG/L	23	43	-	39	2
	METHYL CHLORIDE	UG/L	7	L 34	-	N-D	N-D
	TRICHLOROFLUOROMETHANE	UG/L	L 8	3	-	N-D	N-D
	TETRACHLORDETHYLENE	UG/L	7	L 2	71	27	41
	TOLUENE	UG/L	44	6	86	G 140	G 160
	TRICHLORDETHYLENE	UG/L	170	31	82	17	16
	VINYL CHLORIDE	UG/L	850	29	97	25000	4300
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	10	L 5	50	N-D	N-D
	PHENOL	UG/L	2	1	50	580	1700
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	48	8	83	5300	4600
	BUTYL BENZYL PHTHALATE	UG/L	L 5	L 1	-	1600	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 1	-	450	N-D
	CHRYSENE	UG/L	L 5	L 1	-	450	N-D
	ANTHRACENE	UG/L	L 5	L 1	-	1500	1400
	PHENANTHRENE	UG/L	L 5	L 1	-	1500	1400
METALS	ANTIMONY	UG/L	L 50	L 50	-	410	420
	ARSENIC	UG/L	L 50	L 50	-	400	170
	BERYLLIUM	UG/L	L 2	L 2	-	10	7
	CADMIUM	UG/L	584	19	97	95000	81000
	CHROMIUM	UG/L	743	35	95	98000	71000
	COPPER	UG/L	554	34	94	54000	42000
	CYANIDE	UG/L	113	L 50	56	22540	17700
	LEAD	UG/L	144	L 20	86	11000	8300
	MERCURY	NG/L	2700	L 200	93	560000	540000
	NICKEL	UG/L	1930	467	76	19000	16000

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/06/17
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 6

SAMPLE DATE ENDING 79/06/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE
METALS	SELENIUM	UG/L	L 50	L 50	-	140	170
	SILVER	UG/L	8	L 2	75	610	450
	ZINC	UG/L	2770	434	84	420000	350000
NON-CONV. METALS	ALUMINUM	UG/L	1780	102	94	NOT RUN	NOT RUN
	BARIUM	UG/L	219	28	87	NOT RUN	NOT RUN
	CALCIUM	MG/L	57	49	14	NOT RUN	NOT RUN
	IRON	UG/L	4530	382	92	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	16	14	13	NOT RUN	NOT RUN
	MANGANESE	UG/L	177	146	18	NOT RUN	NOT RUN
	SODIUM	MG/L	161	151	6	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/06/17
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 7

SAMPLE DATE ENDING 79/07/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
CONVENTIONALS	BOD	MG/L	193	31	84	31573	39480	15840
	TOTAL SUSP. SOLIDS	MG/L	137	18	87	32540	38460	2090
	COD	MG/L	376	122	68	54400	59000	18550
	OIL & GREASE	MG/L	47	8	83	7100	9800	462
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	119	5	96	550	1270	2860
	TOTAL SOLIDS	MG/L	970	774	21	40909	45530	12532
	TOTAL DISS. SOLIDS	MG/L	785	756	4	4835	9700	10442
	SETTLEABLE SOLIDS	ML/L	3	L 1	67	680	480	28
	TOTAL VOLATILE SOLIDS	MG/L	340	320	6	26894	28320	10258
	VOLATILE DISS. SOLIDS	MG/L	239	307	-	2470	7595	9063
	TOTAL VOL. SUS. SOLIDS	MG/L	101	13	87	20880	21340	1195
	AMMONIA NITROGEN	MG/L	12	12	-	310	496	390
	TOC	MG/L	65	22	66	7900	8500	9000
VOLATILES	BENZENE	UG/L	T 5	L 5	-	12	190	20
	1,1,1-TRICHLOROETHANE	UG/L	20	T 5	75	N-D	N-D	L 5
	1,1-DICHLOROETHANE	UG/L	T 5	L 5	-	330	N-D	L 5
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 5	L 5	-	54	N-D	L 5
	CHLOROFORM	UG/L	10	T 5	50	N-D	N-D	L 5
	1,2-TRANS-DICHLOROETHYLENE	UG/L	T 5	L 5	-	2100	300	20
	1,2-DICHLOROPROPANE	UG/L	L 5	L 5	-	N-D	15	L 5
	ETHYLBENZENE	UG/L	30	L 5	83	N-D	N-D	20
	METHYLENE CHLORIDE	UG/L	T 5	30	-	14	2	L 5
	TETRACHLOROETHYLENE	UG/L	20	T 5	75	N-D	N-D	L 5
	TOLUENE	UG/L	30	T 5	83	460	760	80
	TRICHLOROETHYLENE	UG/L	20	T 5	75	N-D	N-D	L 5
ACID EXTRACT	PHENOL	UG/L	20	L 30	-	210	N-D	460
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	10	L 10	-	950	300	L 100
	1,4-DICHLOROBENZENE	UG/L	L 10	L 10	-	170	59	L 100
	FLUORANTHENE	UG/L	L 5	L 5	-	120	75	L 50
	NAPHTHALENE	UG/L	10	L 10	-	500	97	10
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	250	70	72	4800	7900	1680
	BUTYL BENZYL PHTHALATE	UG/L	40	L 10	75	610	800	L 100
	DI-N-BUTYL PHTHALATE	UG/L	L 10	L 10	-	160	230	L 100
	DIETHYL PHTHALATE	UG/L	20	L 10	50	N-D	N-D	L 100
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	150	N-D	L 50
	CHRYSENE	UG/L	L 5	L 5	-	150	N-D	L 50
	ANTHRACENE	UG/L	L 10	L 10	-	400	280	L 100
	PHENANTHRENE	UG/L	L 10	L 10	-	400	280	L 100
	PYRENE	UG/L	L 5	L 5	-	140	85	L 50
METALS	ANTIMONY	UG/L	32	9	72	1400	970	79
	ARSENIC	UG/L	L 2	L 2	-	280	320	36
	BERYLLIUM	UG/L	L 1	3	-	L 10	L 10	1
	CADMIUM	UG/L	5	7	-	590	460	129
	CHROMIUM	UG/L	624	68	89	72000	62000	8478
	COPPER	UG/L	307	56	82	47000	38000	5062

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/07/17
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 7

SAMPLE DATE ENDING 79/07/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
METALS	CYANIDE	UG/L	10	39	-	2560	103	46
	LEAD	UG/L	129	74	43	18000	8700	1738
	MERCURY	MG/L	1000	1000	-	200000	170000	1000
	NICKEL	UG/L	497	578	-	22000	17000	7988
	SELENIUM	UG/L	L 3	L 3	-	160	120	4
	SILVER	UG/L	5	L 2	60	160	220	12
	THALLIUM	UG/L	L 20	L 20	-	L 10	L 10	30
	ZINC	UG/L	628	99	84	130000	100000	27880
NON-CONV. METALS	ALUMINUM	UG/L	497	135	73	NOT RUN	NOT RUN	14879
	BARIUM	UG/L	92	34	63	NOT RUN	NOT RUN	934
	BORON	UG/L	914	910	-	NOT RUN	NOT RUN	1143
	CALCIUM	MG/L	72	69	4	NOT RUN	NOT RUN	288
	COBALT	UG/L	14	13	7	NOT RUN	NOT RUN	176
	IRON	UG/L	13360	432	97	NOT RUN	NOT RUN	42250
	MAGNESIUM	MG/L	20	19	5	NOT RUN	NOT RUN	62
	MANGANESE	UG/L	61	59	3	NOT RUN	NOT RUN	1010
	MOLYBDENUM	UG/L	26	19	27	NOT RUN	NOT RUN	149
	SODIUM	MG/L	134	119	11	NOT RUN	NOT RUN	164
	TIN	UG/L	32	17	47	NOT RUN	NOT RUN	425
	TITANIUM	UG/L	14	6	57	NOT RUN	NOT RUN	194
	VANADIUM	UG/L	150	142	5	NOT RUN	NOT RUN	593
	YTTRIUM	UG/L	5	6	-	NOT RUN	NOT RUN	24

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/07/17
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 7

SAMPLE DATE ENDING 79/07/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
CONVENTIONALS	BOD	MG/L	240	54	77	32640	19520	17813
	TOTAL SUSP. SOLIDS	MG/L	121	22	82	35760	22900	2295
	COD	MG/L	274	106	61	54684	47334	16151
	OIL & GREASE	MG/L	32	12	63	5700	8000	376
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	24	5	79	600	3200	3550
	TOTAL SOLIDS	MG/L	930	868	7	41540	32954	14360
	TOTAL DISS. SOLIDS	MG/L	809	846	-	4300	9785	12065
	SETTLEABLE SOLIDS	ML/L	3	L 1	67	670	310	32
	TOTAL VOLATILE SOLIDS	MG/L	328	302	8	27400	21617	11818
	VOLATILE DISS. SOLIDS	MG/L	234	287	-	2260	7710	10433
	TOTAL VOL. SUS. SOLIDS	MG/L	94	15	84	23240	12120	1385
	AMMONIA NITROGEN	MG/L	13	16	-	348	700	510
	TOC	MG/L	55	24	56	8500	9000	9000
VOLATILES	BENZENE	UG/L	L 5	L 5	-	370	84	20
	1,1-DICHLOROETHANE	UG/L	L 5	L 5	-	440	N-D	L 5
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 5	T 5	-	1300	27	10
	1,2-DICHLOROPROPANE	UG/L	L 5	L 5	-	N-D	8	L 5
	ETHYLBENZENE	UG/L	10	L 5	50	2200	100	20
	METHYLENE CHLORIDE	UG/L	102	20	80	14	1	180
	DICHLORODIFLUOROMETHANE	UG/L	L 5	L 5	-	190	N-D	L 5
	TOLUENE	UG/L	10	L 5	50	4000	300	50
ACID EXTRACT	PHENOL	UG/L	T 30	L 30	-	N-D	2200	1040
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	T 10	L 10	-	N-D	N-D	60
	FLUORANTHENE	UG/L	L 5	L 5	-	180	N-D	L 50
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	80	50	38	540	12000	1440
	BUTYL BENZYL PHTHALATE	UG/L	L 10	L 10	-	820	1300	L 100
	DI-N-BUTYL PHTHALATE	UG/L	10	L 10	-	240	320	L 100
	DIETHYL PHTHALATE	UG/L	10	L 10	-	N-D	N-D	L 100
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	190	150	L 50
	CHRYSENE	UG/L	L 5	L 5	-	190	150	L 50
	ANTHRACENE	UG/L	L 10	L 10	-	510	520	L 100
	PHENANTHRENE	UG/L	L 10	L 10	-	510	520	L 100
	PYRENE	UG/L	L 5	L 5	-	180	N-D	L 50
METALS	ANTIMONY	UG/L	L 4	L 6	-	2000	990	55
	ARSENIC	UG/L	L 2	L 2	-	310	220	36
	BERYLLIUM	UG/L	1	L 1	-	L 10	L 10	2
	CADMIUM	UG/L	6	3	50	290	320	122
	CHROMIUM	UG/L	187	65	65	58000	64000	8708
	COPPER	UG/L	165	49	70	41000	46000	5079
	CYANIDE	UG/L	50	26	48	2510	270	10
	LEAD	UG/L	98	58	41	24000	4400	1754
	MERCURY	MG/L	1000	1000	-	200000	83000	2000
	NICKEL	UG/L	383	367	4	25000	25000	9234
	SELENIUM	UG/L	L 3	L 3	-	140	100	4
	SILVER	UG/L	L 2	L 2	-	110	140	22

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/07/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 7

SAMPLE DATE ENDING 79/07/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
METALS	THALLIUM	UG/L	L 20	L 20	-	L 10	L 10	40
	ZINC	UG/L	516	125	76	120000	120000	27240
NON-CONV. METALS	ALUMINUM	UG/L	423	109	74	NOT RUN	NOT RUN	13879
	BARIUM	UG/L	107	35	67	NOT RUN	NOT RUN	940
	BORON	UG/L	746	727	3	NOT RUN	NOT RUN	1230
	CALCIUM	MG/L	71	70	1	NOT RUN	NOT RUN	295
	COBALT	UG/L	13	14	-	NOT RUN	NOT RUN	173
	IRON	UG/L	1115	467	58	NOT RUN	NOT RUN	40660
	MAGNESIUM	MG/L	20	19	5	NOT RUN	NOT RUN	67
	MANGANESE	UG/L	61	58	5	NOT RUN	NOT RUN	1038
	MOLYBDENUM	UG/L	22	20	9	NOT RUN	NOT RUN	155
	SODIUM	MG/L	132	132	-	NOT RUN	NOT RUN	173
	TIN	UG/L	33	7	79	NOT RUN	NOT RUN	442
	TITANIUM	UG/L	7	4	43	NOT RUN	NOT RUN	185
	VANADIUM	UG/L	149	142	5	NOT RUN	NOT RUN	611
	YTTRIUM	UG/L	6	3	50	NOT RUN	NOT RUN	25

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/07/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 7

SAMPLE DATE ENDING 79/07/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
CONVENTIONALS	BOD	MG/L	105	38	64	25173	24320	15360
	TOTAL SUSP. SOLIDS	MG/L	105	17	84	39450	26800	3170
	COD	MG/L	304	80	74	48200	45600	16560
	OIL & GREASE	MG/L	37	8	78	8400	7350	1004
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	52	5	90	620	4600	4320
	TOTAL SOLIDS	MG/L	1004	860	14	42609	34784	15802
	TOTAL DISS. SOLIDS	MG/L	899	843	6	4615	9640	12632
	SETTLEABLE SOLIDS	ML/L	3	L 1	67	650	355	40
	TOTAL VOLATILE SOLIDS	MG/L	358	378	-	28641	23115	12896
	VOLATILE DISS. SOLIDS	MG/L	270	364	-	2780	7530	10931
	TOTAL VOL. SUS. SOLIDS	MG/L	88	14	84	17200	15760	1965
	AMMONIA NITROGEN	MG/L	11	11	-	255	600	338
	TOC	MG/L	62	21	66	9500	8900	9600
VOLATILES	BENZENE	UG/L	T 5	L 5	-	52	130	30
	1,1,1-TRICHLOROETHANE	UG/L	30	T 5	83	N-D	N-D	L 5
	1,1-DICHLOROETHANE	UG/L	L 5	L 5	-	270	N-D	L 5
	1,2-TRANS-DICHLOROETHYLENE	UG/L	T 5	10	-	1400	220	T 5
	1,2-DICHLOROPROPANE	UG/L	L 5	L 5	-	N-D	9	L 5
	ETHYLBENZENE	UG/L	30	L 5	83	4200	730	20
	METHYLENE CHLORIDE	UG/L	10	20	-	6	2	50
	TETRACHLOROETHYLENE	UG/L	30	10	67	N-D	27	L 5
	TOLUENE	UG/L	T 5	L 5	-	8000	4000	70
	TRICHLOROETHYLENE	UG/L	20	10	50	N-D	6	L 5
ACID EXTRACT	PHENOL	UG/L	T 31	L 30	3	250	1600	1300
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 5	L 11	-	260	N-D	L 50
	NAPHTHALENE	UG/L	10	L 11	-	N-D	N-D	L 100
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	120	20	83	22000	12000	870
	BUTYL BENZYL PHTHALATE	UG/L	L 11	L 11	-	1700	620	L 100
	DI-N-BUTYL PHTHALATE	UG/L	T 11	L 11	-	520	250	L 100
	DIETHYL PHTHALATE	UG/L	10	L 11	-	N-D	N-D	L 100
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	330	N-D	L 50
	CHRYSENE	UG/L	L 5	L 5	-	330	N-D	L 50
	ANTHRACENE	UG/L	L 11	L 11	-	1600	440	L 100
	PHENANTHRENE	UG/L	L 11	L 11	-	1600	440	L 100
	PYRENE	UG/L	L 5	L 5	-	300	N-D	L 50
METALS	ANTIMONY	UG/L	L 4	7	-	920	920	82
	ARSENIC	UG/L	L 2	L 2	-	670	110	45
	BERYLLIUM	UG/L	L 1	L 1	-	L 10	L 10	2
	CADMIUM	UG/L	9	3	67	620	370	192
	CHROMIUM	UG/L	208	62	70	68000	53000	12477
	COPPER	UG/L	267	40	85	44000	35000	7330
	CYANIDE	UG/L	5	39	-	3280	359	26
	LEAD	UG/L	109	56	49	16000	14000	2692
	MERCURY	NG/L	1000	1000	-	160000	180000	1000
	NICKEL	UG/L	357	342	4	27000	22000	11667

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/07/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 7

SAMPLE DATE ENDING 79/07/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
METALS	SELENIUM	UG/L	L 3	L 3	-	160	64	4
	SILVER	UG/L	5	L 2	60	210	170	40
	THALLIUM	UG/L	L 20	L 20	-	L 10	L 10	40
	ZINC	UG/L	815	107	87	120000	100000	36401
NON-CONV. METALS	ALUMINUM	UG/L	918	143	84	NOT RUN	NOT RUN	21034
	BARIUM	UG/L	108	37	66	NOT RUN	NOT RUN	1340
	BORON	UG/L	817	820	-	NOT RUN	NOT RUN	1228
	CALCIUM	MG/L	73	70	4	NOT RUN	NOT RUN	327
	COBALT	UG/L	15	8	47	NOT RUN	NOT RUN	323
	IRON	UG/L	1407	396	72	NOT RUN	NOT RUN	64907
	MAGNESIUM	MG/L	20	19	5	NOT RUN	NOT RUN	71
	MANGANESE	UG/L	69	61	12	NOT RUN	NOT RUN	1239
	MOLYBDENUM	UG/L	27	21	22	NOT RUN	NOT RUN	224
	SODIUM	MG/L	139	140	-	NOT RUN	NOT RUN	169
	TIN	UG/L	35	26	26	NOT RUN	NOT RUN	430
	TITANIUM	UG/L	9	4	56	NOT RUN	NOT RUN	239
	VANADIUM	UG/L	159	142	11	NOT RUN	NOT RUN	754
	YTTRIUM	UG/L	3	3	-	NOT RUN	NOT RUN	24

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/07/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 7

SAMPLE DATE ENDING 79/07/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
CONVENTIONALS	BOD	MG/L	130	18	86	28160	48640	11840
	TOTAL SUSP. SOLIDS	MG/L	141	12	91	38950	23620	2890
	COD	MG/L	360	116	68	48800	61600	25400
	OIL & GREASE	MG/L	52	10	81	10400	8850	12
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	28	5	82	2500	3500	7200
	TOTAL SOLIDS	MG/L	360	968	-	41059	32603	13614
	TOTAL DISS. SOLIDS	MG/L	219	956	-	4045	9365	10724
	SETTLEABLE SOLIDS	ML/L	4	L 1	75	670	330	30
	TOTAL VOLATILE SOLIDS	MG/L	284	274	4	27923	22390	10944
	VOLATILE DISS. SOLIDS	MG/L	178	264	-	2105	7420	9109
	TOTAL VOL. SUS. SOLIDS	MG/L	106	10	91	27400	14320	1835
	AMMONIA NITROGEN	MG/L	9	15	-	230	425	440
	TOC	MG/L	65	23	65	8200	8100	8900
VOLATILES	BENZENE	UG/L	L 5	L 5	-	77	190	10
	1,1,1-TRICHLOROETHANE	UG/L	110	10	91	N-D	N-D	L 5
	1,1-DICHLOROETHANE	UG/L	T 5	L 5	-	300	N-D	L 5
	CHLOROFORM	UG/L	10	T 5	50	N-D	N-D	L 5
	1,2-TRANS-DICHLOROETHYLENE	UG/L	T 5	T 5	-	1500	210	T 5
	1,2-DICHLOROPROPANE	UG/L	L 5	L 5	-	N-D	10	L 5
	ETHYLBENZENE	UG/L	20	L 5	75	2800	670	10
	METHYLENE CHLORIDE	UG/L	70	40	43	6	N-D	L 5
	TETRACHLOROETHYLENE	UG/L	10	T 5	50	N-D	8	L 5
	TOLUENE	UG/L	20	L 5	75	4000	3000	50
	TRICHLOROETHYLENE	UG/L	30	T 5	83	N-D	N-D	L 5
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	L 27	L 25	-	4000	N-D	L 125
	PHENOL	UG/L	T 33	L 30	9	N-D	1900	410
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 5	L 5	-	180	N-D	L 50
	NAPHTHALENE	UG/L	10	L 10	-	N-D	N-D	L 100
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	300	60	80	18000	12000	1820
	BUTYL BENZYL PHTHALATE	UG/L	L 10	L 10	-	1300	N-D	L 100
	DI-N-BUTYL PHTHALATE	UG/L	L 10	L 10	-	410	380	L 100
	ANTHRACENE .	UG/L	L 10	L 10	-	1100	490	L 100
	PHENANTHRENE	UG/L	L 10	L 10	-	1100	490	L 100
	PYRENE	UG/L	L 5	L 5	-	200	N-D	L 50
METALS	ANTIMONY	UG/L	6	L 4	33	1000	1200	39
	ARSENIC	UG/L	L 2	L 2	-	260	200	40
	BERYLLIUM	UG/L	L 1	12	-	L 10	L 10	3
	CADMIUM	UG/L	9	16	-	420	230	181
	CHROMIUM	UG/L	256	58	77	88000	35000	10597
	COPPER	UG/L	259	63	76	58000	23000	6369
	CYANIDE	UG/L	50	L 1	98	2510	321	41
	LEAD	UG/L	93	92	1	170000	3200	2449
	MERCURY	MG/L	1000	1000	-	150000	90000	L 1000
	NICKEL	UG/L	403	382	5	39000	16000	11787
	SELENIUM	UG/L	L 3	L 3	-	160	80	4

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/07/20
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 7

SAMPLE DATE ENDING 79/07/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
METALS	SILVER	UG/L	5	L 2	60	210	160	14
	THALLIUM	UG/L	L 20	L 20	-	L 10	L 10	40
	ZINC	UG/L	577	144	75	180000	73000	33621
NON-CONV. METALS	ALUMINUM	UG/L	494	135	73	NOT RUN	NOT RUN	17374
	BARIUM	UG/L	90	32	64	NOT RUN	NOT RUN	1105
	BORON	UG/L	919	920	-	NOT RUN	NOT RUN	1205
	CALCIUM	MG/L	71	69	3	NOT RUN	NOT RUN	297
	COBALT	UG/L	15	19	-	NOT RUN	NOT RUN	221
	IRON	UG/L	2660	454	83	NOT RUN	NOT RUN	50227
	MAGNESIUM	MG/L	19	19	-	NOT RUN	NOT RUN	48
	MANGANESE	UG/L	67	76	-	NOT RUN	NOT RUN	1076
	MOLYBDENUM	UG/L	25	28	-	NOT RUN	NOT RUN	287
	SODIUM	MG/L	136	136	-	NOT RUN	NOT RUN	175
	TIN	UG/L	25	19	24	NOT RUN	NOT RUN	491
	TITANIUM	UG/L	7	6	14	NOT RUN	NOT RUN	242
	VANADIUM	UG/L	146	145	1	NOT RUN	NOT RUN	707
	YTTRIUM	UG/L	5	5	-	NOT RUN	NOT RUN	35

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/07/20
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 7

SAMPLE DATE ENDING 79/07/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
CONVENTIONALS	BOD	MG/L	200	19	90	23360	21120	12000
	TOTAL SUSP. SOLIDS	MG/L	163	20	88	33020	23390	3840
	COD	MG/L	312	96	69	54400	62000	22000
	OIL & GREASE	MG/L	38	8	79	7700	12100	294
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	76	14	82	1850	4600	3680
	TOTAL SOLIDS	MG/L	994	896	10	40882	31083	14374
	TOTAL DISS. SOLIDS	MG/L	831	874	-	3775	9595	10534
	SETTLEABLE SOLIDS	ML/L	5	L 1	80	680	300	35
	TOTAL VOLATILE SOLIDS	MG/L	330	216	35	28117	21288	11700
	VOLATILE DISS. SOLIDS	MG/L	207	201	3	1790	7735	10252
	TOTAL VOL. SUS. SOLIDS	MG/L	123	15	88	22740	14170	1448
	AMMONIA NITROGEN	MG/L	18	16	11	236	385	480
	TOC	MG/L	73	30	59	8700	8500	8900
VOLATILES	BENZENE	UG/L	T 5	L 5	-	39	1500	20
	CHLOROBENZENE	UG/L	L 5	L 5	-	38	6	L 5
	1,1,1-TRICHLOROETHANE	UG/L	110	20	82	N-D	N-D	L 5
	1,1-DICHLOROETHANE	UG/L	L 5	L 5	-	190	N-D	L 5
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 5	L 5	-	54	N-D	L 5
	1,2-TRANS-DICHLOROETHYLENE	UG/L	T 5	T 5	-	1300	250	10
	1,3-DICHLOROPROPYLENE	UG/L	L 5	L 5	-	N-D	330	L 5
	ETHYLBENZENE	UG/L	20	L 5	75	1900	450	20
	METHYLENE CHLORIDE	UG/L	20	10	50	3	N-D	L 10
	TETRACHLOROETHYLENE	UG/L	20	T 5	75	T 11	T 9	L 5
	TOLUENE	UG/L	10	L 5	50	I 0	3000	60
	TRICHLOROETHYLENE	UG/L	L 5	T 5	-	6	8	L 5
ACID EXTRACT	PHENOL	UG/L	20	L 30	-	N-D	2100	1300
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 10	L 10	-	N-D	N-D	40
	NAPHTHALENE	UG/L	10	L 10	-	N-D	N-D	L 100
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	350	250	29	13000	3800	2030
	BUTYL BENZYL PHTHALATE	UG/L	L 10	L 10	-	1600	290	L 100
	DI-N-BUTYL PHTHALATE	UG/L	L 10	L 10	-	370	N-D	L 100
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	100	N-D	L 50
	CHRYSENE	UG/L	L 5	L 5	-	100	N-D	L 50
	ANTHRACENE	UG/L	L 10	L 10	-	500	150	L 100
	PHENANTHRENE	UG/L	L 10	L 10	-	500	150	L 100
METALS	ANTIMONY	UG/L	L 2	L 2	-	1800	1000	31
	ARSENIC	UG/L	L 3	L 3	-	270	170	86
	CADMIUM	UG/L	1	3	-	540	270	111
	CHROMIUM	UG/L	351	39	89	76000	77000	5529
	COPPER	UG/L	239	24	90	44000	45000	3099
	CYANIDE	UG/L	103	28	73	3080	220	92
	LEAD	UG/L	L 1	L 1	-	22000	3000	539
	MERCURY	MG/L	1000	1000	-	240000	130000	1000
	NICKEL	UG/L	427	278	35	26000	25000	9628
	SELENIUM	UG/L	L 3	L 3	-	160	81	6

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/07/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 7

SAMPLE DATE ENDING 79/07/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
METALS	SILVER	UG/L	11	3	73	190	180	27
	THALLIUM	UG/L	L 25	L 25	-	L 10	L 10	70
	ZINC	UG/L	568	88	85	120000	130000	33886
NON-CONV. METALS	ALUMINUM	UG/L	453	L 1	100	NOT RUN	NOT RUN	8414
	BARIUM	UG/L	62	L 1	98	NOT RUN	NOT RUN	356
	BORON	UG/L	683	750	-	NOT RUN	NOT RUN	742
	CALCIUM	MG/L	77	75	3	NOT RUN	NOT RUN	308
	COBALT	UG/L	7	8	-	NOT RUN	NOT RUN	128
	IRON	UG/L	1268	401	68	NOT RUN	NOT RUN	22325
	MAGNESIUM	MG/L	20	19	5	NOT RUN	NOT RUN	74
	MANGANESE	UG/L	60	54	10	NOT RUN	NOT RUN	1106
	MOLYBDENUM	UG/L	L 1	2	-	NOT RUN	NOT RUN	107
	SODIUM	MG/L	136	132	3	NOT RUN	NOT RUN	149
	TIN	UG/L	5	10	-	NOT RUN	NOT RUN	246
	TITANIUM	UG/L	3	1	67	NOT RUN	NOT RUN	72
	VANADIUM	UG/L	130	123	5	NOT RUN	NOT RUN	641

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/07/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 7

SAMPLE DATE ENDING 79/07/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
CONVENTIONALS	BOD	MG/L	145	13	91	24000	20800	10933
	TOTAL SUSP. SOLIDS	MG/L	141	18	87	30620	22710	2976
	COD	MG/L	336	64	81	50000	72000	22000
	OIL & GREASE	MG/L	37	10	73	8600	11550	1049
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	32	14	56	675	3900	3120
	TOTAL SOLIDS	MG/L	906	720	20	40487	31981	14012
	TOTAL DISS. SOLIDS	MG/L	765	710	7	4000	9385	11036
	SETTLEABLE SOLIDS	ML/L	2	L 1	50	670	280	35
	TOTAL VOLATILE SOLIDS	MG/L	336	214	36	28631	22050	11362
	VOLATILE DISS. SOLIDS	MG/L	221	200	10	2050	7495	9498
	TOTAL VOL. SUS. SOLIDS	MG/L	115	14	88	21140	13590	1864
	AMMONIA NITROGEN	MG/L	12	11	8	163	488	440
	TOC	MG/L	48	23	46	11500	7600	7200
VOLATILES	BENZENE	UG/L	L 5	L 5	-	17	950	30
	1,1,1-TRICHLOROETHANE	UG/L	20	T 5	75	N-D	N-D	L 5
	1,1-DICHLOROETHANE	UG/L	L 5	L 5	-	540	N-D	L 5
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 5	L 5	-	49	I 0	L 5
	CHLOROFORM	UG/L	T 5	L 5	-	40	N-D	L 5
	1,2-TRANS-DICHLOROETHYLENE	UG/L	T 5	L 5	-	1500	690	10
	ETHYLBENZENE	UG/L	20	L 5	75	1500	810	20
	METHYLENE CHLORIDE	UG/L	10	20	-	3	N-D	L 5
	TETRACHLOROETHYLENE	UG/L	10	L 5	50	N-D	50	L 5
	TOLUENE	UG/L	20	T 5	75	I 0	3000	70
	TRICHLOROETHYLENE	UG/L	30	T 5	83	3	25	L 5
ACID EXTRACT	PHENOL	UG/L	L 30	L 300	-	580	2500	930
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 10	L 11	-	450	N-D	L 100
	1,3-DICHLOROBENZENE	UG/L	L 10	L 11	-	210	N-D	L 100
	FLUORANTHENE	UG/L	L 5	L 5	-	120	N-D	L 50
	NAPHTHALENE	UG/L	T 10	L 11	-	580	N-D	L 100
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	200	90	55	9200	13000	1150
	BUTYL BENZYL PHTHALATE	UG/L	L 10	L 11	-	940	1400	L 100
	DI-N-BUTYL PHTHALATE	UG/L	L 10	L 11	-	210	410	L 100
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	150	N-D	L 50
	CHRYSENE	UG/L	L 5	L 5	-	150	N-D	L 50
	ANTHRACENE	UG/L	L 10	L 11	-	850	560	L 100
	PHENANTHRENE	UG/L	L 10	L 11	-	850	560	L 100
	PYRENE	UG/L	L 5	L 5	-	140	N-D	L 50
METALS	ANTIMONY	UG/L	L 2	L 2	-	1300	1200	30
	ARSENIC	UG/L	L 3	L 3	-	200	220	90
	CADMIUM	UG/L	L 1	L 1	-	530	230	99
	CHROMIUM	UG/L	109	18	83	74000	45000	11624
	COPPER	UG/L	98	L 3	99	41000	25000	7266
	CYANIDE	UG/L	31	13	58	1980	397	77
	LEAD	UG/L	L 1	L 1	-	15000	3500	1036
	MERCURY	MG/L	1000	1000	-	200000	190000	1000

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/07/22
(L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED)

DAILY ANALYTICAL RESULTS

PLANT 7

SAMPLE DATE ENDING 79/07/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
METALS	NICKEL	UG/L	L 1	L 1	-	25000	19000	9024
	SELENIUM	UG/L	L 3	L 3	-	140	110	28
	SILVER	UG/L	5	2	60	180	220	45
	THALLIUM	UG/L	L 25	L 25	-	L 10	L 10	90
	ZINC	UG/L	607	84	86	100000	70000	36566
NON-CONV. METALS	ALUMINUM	UG/L	L 1	L 1	-	NOT RUN	NOT RUN	16759
	BARIUM	UG/L	44	L 1	98	NOT RUN	NOT RUN	936
	BORON	UG/L	472	589	-	NOT RUN	NOT RUN	779
	CALCIUM	MG/L	79	77	3	NOT RUN	NOT RUN	335
	COBALT	U7T1	L 1	L 1	-	NOT RUN	NOT RUN	120
	IRON	UG/L	965	294	70	NOT RUN	NOT RUN	56115
	MAGNESIUM	MG/L	20	19	5	NOT RUN	NOT RUN	78
	MANGANESE	UG/L	51	52	-	NOT RUN	NOT RUN	1154
	SODIUM	MG/L	108	120	-	NOT RUN	NOT RUN	154
	TIN	UG/L	7	L 1	86	NOT RUN	NOT RUN	114
	TITANIUM	UG/L	L 1	L 1	-	NOT RUN	NOT RUN	94
	VANADIUM	UG/L	118	98	17	NOT RUN	NOT RUN	665

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/07/22
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D-NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 8

SAMPLE DATE ENDING 79/07/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
CONVENTIONALS	BOD	MG/L	267	21	92	NOT RUN	23680	60000	8400
	TOTAL SUSP. SOLIDS	MG/L	220	28	87	NOT RUN	71800	174600	349
	COD	MG/L	552	108	80	NOT RUN	109000	272000	14500
	OIL & GREASE	* MG/L	108	13	88	NOT RUN	18750	76150	47
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	78	3	96	NOT RUN	1850	7400	3100
	TOTAL SOLIDS	MG/L	948	686	28	NOT RUN	72561	178418	9654
	TOTAL DISS. SOLIDS	MG/L	728	658	10	NOT RUN	2780	6795	9305
	TOTAL VOLATILE SOLIDS	MG/L	392	236	40	NOT RUN	43676	98804	8084
	VOLATILE DISS. SOLIDS	MG/L	242	208	14	NOT RUN	1835	4975	7867
	TOTAL VOL. SUS. SOLIDS	MG/L	150	28	81	NOT RUN	42750	94450	217
	AMMONIA NITROGEN	MG/L	16	10	38	NOT RUN	800	538	800
	TOC	MG/L	115	31	73	NOT RUN	12000	16000	6000
VOLATILES	ACRYLONITRILE	UG/L	L 19	L 19	-	NOT RUN	L 100	100	L 19
	BENZENE	UG/L	L 1	L 1	-	NOT RUN	10	383	7
	CHLOROBENZENE	UG/L	L 1	L 1	-	NOT RUN	L 5	35	L 1
	1,1,1-TRICHLOROETHANE	UG/L	22	L 2	91	NOT RUN	L 5	L 5	L 2
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	NOT RUN	5	L 5	L 1
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	NOT RUN	L 5	5	L 1
	CHLOROFORM	UG/L	7	13	-	NOT RUN	L 5	L 5	L 1
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 2	L 2	-	NOT RUN	744	560	L 2
	1,2-DICHLOROPROPANE	UG/L	1	L 1	-	NOT RUN	3	L 5	L 1
	ETHYLBENZENE	UG/L	16	L 1	94	NOT RUN	250	415	9
	METHYLENE CHLORIDE	UG/L	13	11	15	NOT RUN	L 5	L 5	6
	METHYL BROMIDE	UG/L	L 6	L 6	-	NOT RUN	L 5	20	L 6
	DICHLORODIFLUOROMETHANE	UG/L	L 30	L 30	-	NOT RUN	175	2070	L 30
	TETRACHLOROETHYLENE	UG/L	14	2	86	NOT RUN	10	110	L 2
	TOLUENE	UG/L	420	5	99	NOT RUN	11500	15500	3600
	TRICHLOROETHYLENE	UG/L	11	L 2	82	NOT RUN	11	110	2
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	L 1	L 1	-	NOT RUN	N-D	N-D	3
	PENTACHLOROPHENOL	UG/L	35	18	49	NOT RUN	700	2800	38
	PHENOL	UG/L	7	L 1	86	NOT RUN	660	N-D	217
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 10	L 10	-	NOT RUN	4600	N-D	L 10
	HEXACHLOROBENZENE	UG/L	L 9	L 9	-	NOT RUN	780	N-D	L 9
	2-CHLORONAPHTHALENE	UG/L	L 3	L 3	-	NOT RUN	1600	N-D	L 3
	1,2-DICHLOROBENZENE	UG/L	L 2	L 2	-	NOT RUN	1030	N-D	L 2
	1,3-DICHLOROBENZENE	UG/L	L 2	L 2	-	NOT RUN	1900	N-D	L 2
	1,4-DICHLOROBENZENE	UG/L	2	L 2	-	NOT RUN	1300	N-D	L 2
	FLUORANTHENE	UG/L	L 3	L 3	-	NOT RUN	1200	36	L 3
	HEXACHLOROBUTADIENE	UG/L	L 8	L 8	-	NOT RUN	2700	N-D	L 8
	NAPHTHALENE	UG/L	3	L 2	33	NOT RUN	2700	204	L 2
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	23	11	52	NOT RUN	N-D	1600	L 2
	BUTYL BENZYL PHTHALATE	UG/L	21	3	86	NOT RUN	7100	2900	L 3
	DI-N-BUTYL PHTHALATE	UG/L	4	3	25	NOT RUN	1500	120	L 3
	DIETHYL PHTHALATE	UG/L	5	L 4	20	NOT RUN	N-D	N-D	L 4
	DIMETHYL PHTHALATE	UG/L	L 6	L 6	-	NOT RUN	640	N-D	L 6
	1,2-BENZANTHRACENE	UG/L	L 3	L 3	-	NOT RUN	1500	27	L 3

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/07/24
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DAILY ANALYTICAL RESULTS

PLANT 8

SAMPLE DATE ENDING 79/07/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
BASE-NEUTRALS	BENZO (A)PYRENE	UG/L	L 25	L 25	-	NOT RUN	N-D	20	L 25
	CHRYSENE	UG/L	L 3	L 3	-	NOT RUN	1500	27	L 3
	ANTHRACENE	UG/L	L 3	L 3	-	NOT RUN	3200	110	L 3
	PHENANTHRENE	UG/L	L 3	L 3	-	NOT RUN	3200	110	L 3
	PYRENE	UG/L	L 3	L 3	-	NOT RUN	1300	61	L 3
METALS	ANTIMONY	UG/L	L 50	L 50	-	NOT RUN	1100	1200	L 500
	ARSENIC	UG/L	L 50	L 50	-	NOT RUN	420	650	L 500
	BERYLLIUM	UG/L	L 2	L 3	-	NOT RUN	20	47	L 2
	CADMIUM	UG/L	L 2	L 2	-	NOT RUN	700	930	L 2
	CHROMIUM	UG/L	197	48	76	NOT RUN	120000	150000	1220
	COPPER	UG/L	350	64	82	NOT RUN	110000	210000	275
	CYANIDE	UG/L	5	8	-	NOT RUN	4460	1230	62
	LEAD	UG/L	163	42	74	NOT RUN	15000	160000	212
	MERCURY	MG/L	200	L 200	-	NOT RUN	210000	510000	500
	NICKEL	UG/L	195	187	4	NOT RUN	61000	95000	6190
	SELENIUM	UG/L	L 50	L 50	-	NOT RUN	150	190	L 500
	SILVER	UG/L	13	L 2	85	NOT RUN	220	170	L 2
	ZINC	UG/L	1490	255	83	NOT RUN	810000	1600000	8760
NON-CONV. METALS	ALUMINUM	UG/L	1080	237	78	NOT RUN	N-D	N-D	1460
	BARIUM	UG/L	874	97	89	NOT RUN	N-D	N-D	427
	CALCIUM	MG/L	35	57	-	NOT RUN	N-D	N-D	142
	IRON	UG/L	3800	794	79	NOT RUN	N-D	N-D	22900
	MAGNESIUM	MG/L	15	15	-	NOT RUN	N-D	N-D	32
	MANGANESE	UG/L	229	125	45	NOT RUN	N-D	N-D	969
	SODIUM	MG/L	115	110	4	NOT RUN	N-D	N-D	95

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/07/24
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT B

SAMPLE DATE ENDING 79/07/25 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
CONVENTIONALS	BOD	MG/L	268	40	85	40333	29760	68000	11200
	TOTAL SUSP. SOLIDS	MG/L	169	32	81	109100	78600	207150	212
	COD	MG/L	496	124	75	170000	123000	374000	17200
	OIL & GREASE	MG/L	148	5	97	39650	32400	73700	35
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	65	12	82	1950	3000	9600	3200
	TOTAL SOLIDS	MG/L	856	758	11	135126	107921	216767	11180
	TOTAL DISS. SOLIDS	MG/L	687	726	-	6855	3130	8130	10968
	TOTAL VOLATILE SOLIDS	MG/L	402	324	19	89868	77072	122887	9460
	VOLATILE DISS. SOLIDS	MG/L	280	300	-	4120	2165	6155	9342
	TOTAL VOL. SUS. SOLIDS	MG/L	122	24	80	64650	47150	112800	128
	AMMONIA NITROGEN	MG/L	17	27	-	200	530	825	1000
	TOC	MG/L	116	45	61	12500	14500	20000	7900
VOLATILES	ACRYLONITRILE	UG/L	L 19	L 19	-	100	L 100	L 100	L 19
	BENZENE	UG/L	2	L 1	50	L 5	17	810	27
	CHLOROBENZENE	UG/L	L 1	L 1	-	14	L 5	45	1
	1,1,1-TRICHLOROETHANE	UG/L	31	L 2	94	100	L 5	L 5	L 2
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	170	L 5	L 5	L 1
	1,1,2-TRICHLOROETHANE	UG/L	L 2	L 2	-	L 5	6	L 5	L 2
	CHLOROETHANE	UG/L	L 15	L 15	-	L 5	2000	L 5	L 15
	CHLOROFORM	UG/L	8	9	-	10	L 5	L 5	L 1
	1,1-DICHLOROETHYLENE	UG/L	L 1	L 1	-	20	L 5	L 5	L 1
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 2	L 2	-	760	1010	810	L 2
	1,2-DICHLOROPROPANE	UG/L	2	L 1	50	10	2	L 5	L 1
	ETHYLBENZENE	UG/L	16	L 1	94	310	460	1490	6
	METHYLENE CHLORIDE	UG/L	18	7	61	L 5	L 5	L 5	39
	METHYL CHLORIDE	UG/L	L 34	L 34	-	L 5	L 5	500	L 34
	METHYL BROMIDE	UG/L	L 6	L 6	-	33	L 5	L 5	L 6
	DICHLORODIFLUOROMETHANE	UG/L	L 30	L 30	-	L 5	L 5	1000	L 30
	TETRACHLOROETHYLENE	UG/L	19	L 2	89	14	1	250	L 2
	TOLUENE	UG/L	160	14	91	8670	6100	52000	1300
	TRICHLOROETHYLENE	UG/L	14	1	93	11	L 5	148	2
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	L 1	L 1	-	N-D	N-D	N-D	4
	PENTACHLOROPHENOL	UG/L	12	15	-	5100	1600	2400	57
	PHENOL	UG/L	10	L 1	90	1600	1200	850	271
BASE-NEUTRALS	FLUORANTHENE	UG/L	5	L 3	40	820	410	1100	L 3
	NAPHTHALENE	UG/L	8	L 2	75	3100	609	2020	L 2
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	92	2	98	14000	14000	45000	L 2
	BUTYL BENZYL PHTHALATE	UG/L	21	L 3	86	23000	22000	60800	L 3
	DI-N-BUTYL PHTHALATE	UG/L	L 3	7	-	N-D	880	2900	L 3
	DIETHYL PHTHALATE	UG/L	4	L 4	-	N-D	N-D	N-D	L 4
	DIMETHYL PHTHALATE	UG/L	L 6	L 6	-	650	N-D	N-D	L 6
	1,2-BENZANTHRACENE	UG/L	L 3	L 3	-	N-D	1500	N-D	L 3
	BENZO (A)PYRENE	UG/L	L 25	L 25	-	N-D	N-D	22	L 25
	CHRYSENE	UG/L	L 3	L 3	-	N-D	1500	N-D	L 3
	ANTHRACENE	UG/L	L 3	L 3	-	N-D	2090	N-D	L 3
	PHENANTHRENE	UG/L	L 3	L 3	-	N-D	2090	N-D	L 3

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/07/25
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 8

SAMPLE DATE ENDING 79/07/25 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
BASE-NEUTRALS	PYRENE	UG/L	L 3	L 3	-	1050	510	1500	L 3
METALS	ANTIMONY	UG/L	L 50	L 50	-	990	1100	1600	L 500
	ARSENIC	UG/L	L 50	L 50	-	700	770	1900	L 500
	BERYLLIUM	UG/L	L 2	L 2	-	28	20	59	L 2
	CADMIUM	UG/L	L 2	L 2	-	350	300	870	L 2
	CHROMIUM	UG/L	186	55	70	76000	81000	140000	1200
	COPPER	UG/L	357	65	82	92000	92000	240000	177
	CYANIDE	UG/L	3	L 1	67	4360	4510	1692	36
	LEAD	UG/L	115	39	66	18000	170000	22000	187
	MERCURY	MG/L	300	L 200	33	260000	160000	630000	L 400
	NICKEL	UG/L	148	249	-	56000	49000	110000	7320
	SELENIUM	UG/L	L 50	L 50	-	180	240	360	L 500
	SILVER	UG/L	15	L 2	87	200	130	170	L 2
	ZINC	UG/L	1180	274	77	780000	590000	1500000	7170
NON-CONV. METALS	ALUMINUM	UG/L	1230	356	71	N-D	N-D	N-D	1310
	BARIUM	UG/L	655	103	84	N-D	N-D	N-D	351
	CALCIUM	MG/L	60	62	-	N-D	N-D	N-D	153
	IRON	UG/L	3230	1090	66	N-D	N-D	N-D	20500
	MAGNESIUM	MG/L	14	15	-	N-D	N-D	N-D	34
	MANGANESE	UG/L	169	148	12	N-D	N-D	N-D	865
	SODIUM	MG/L	141	155	-	N-D	N-D	N-D	96

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/07/25
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT B

SAMPLE DATE ENDING 79/07/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
CONVENTIONALS	BOD	MG/L	205	41	80	31667	28160	39500	8533
	TOTAL SUSP. SOLIDS	MG/L	184	99	46	111550	74800	185550	259
	COD	MG/L	480	228	52	198000	123000	226000	17300
	OIL & GREASE	MG/L	137	19	86	41550	19700	20500	14
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	75	16	79	2000	2800	6600	3800
	TOTAL SOLIDS	MG/L	930	762	18	112296	77897	189803	10936
	TOTAL DISS. SOLIDS	MG/L	746	663	11	6505	3925	7725	10677
	TOTAL VOLATILE SOLIDS	MG/L	500	402	20	67110	46317	106606	9282
	VOLATILE DISS. SOLIDS	MG/L	360	326	9	3997	2935	6070	9112
	TOTAL VOL. SUS. SOLIDS	MG/L	140	76	46	74650	44300	101550	170
	AMMONIA NITROGEN	MG/L	15	20	-	200	630	765	900
	TOC	MG/L	110	52	53	14500	15000	16000	6400
VOLATILES	ACRYLONITRILE	UG/L	L 19	L 19	-	L 100	100	360	L 19
	BENZENE	UG/L	3	L 1	67	10	19	1090	26
	CHLOROBENZENE	UG/L	L 1	L 1	-	20	L 5	17	1
	1,1,1-TRICHLOROETHANE	UG/L	32	L 2	94	120	L 5	50	L 2
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	180	L 5	L 5	L 1
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	2	L 5	15	L 1
	CHLOROETHANE	UG/L	L 15	L 15	-	L 5	3000	L 5	L 15
	CHLOROFORM	UG/L	7	11	-	L 5	L 5	L 5	L 1
	1,1-DICHLOROETHYLENE	UG/L	L 1	L 1	-	30	L 5	20	L 1
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 2	L 2	-	1800	2200	1130	L 2
	1,2-DICHLOROPROPANE	UG/L	1	L 1	-	10	2	10	L 1
	ETHYLBENZENE	UG/L	11	1	91	1130	395	980	5
	METHYLENE CHLORIDE	UG/L	11	4	64	L 5	L 5	L 5	19
	DICHLORODIFLUOROMETHANE	UG/L	L 30	L 30	-	300	L 5	G 4000	L 30
	TETRACHLOROETHYLENE	UG/L	17	L 2	88	5	L 5	200	L 2
	TOLUENE	UG/L	93	34	63	7960	7120	29300	1300
	TRICHLOROETHYLENE	UG/L	16	L 2	88	45	5	215	2
	VINYL CHLORIDE	UG/L	L 33	L 33	-	L 5	500	L 5	L 33
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	1	1	-	N-D	N-D	N-D	L 1
	PENTACHLOROPHENOL	UG/L	26	20	23	N-D	N-D	N-D	57
	PHENOL	UG/L	9	1	89	N-D	N-D	N-D	277
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	630	408	380	L 3
	NAPHTHALENE	UG/L	4	L 2	50	1300	606	520	L 2
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	18	6	67	16000	16000	10200	L 2
	BUTYL BENZYL PHTHALATE	UG/L	19	5	74	36000	23000	27000	L 3
	DI-N-BUTYL PHTHALATE	UG/L	3	5	-	1600	760	830	L 3
	1,2-BENZANTHRACENE	UG/L	L 3	L 3	-	N-D	N-D	450	L 3
	CHRYSENE	UG/L	L 3	L 3	-	N-D	N-D	450	L 3
	ANTHRACENE	UG/L	L 3	L 3	-	151	N-D	820	L 3
	PHENANTHRENE	UG/L	L 3	L 3	-	151	N-D	820	L 3
	PYRENE	UG/L	L 3	L 3	-	950	505	460	L 3
METALS	ANTIMONY	UG/L	L 50	L 50	-	1900	1200	1800	L 500
	ARSENIC	UG/L	L 50	L 50	-	1100	670	1700	L 500

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N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 8

SAMPLE DATE ENDING 79/07/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
METALS	BERYLLIUM	UG/L	L 2	L 2	-	35	26	38	L 2
	CADMIUM	UG/L	L 2	L 2	-	520	470	770	L 2
	CHROMIUM	UG/L	55	57	-	160000	120000	180000	1080
	COPPER	UG/L	283	61	78	180000	160000	190000	186
	CYANIDE	UG/L	21	8	62	2870	1800	1000	36
	LEAD	UG/L	104	40	62	69000	100000	150000	156
	MERCURY	MG/L	300	L 200	33	220000	150000	360000	400
	NICKEL	UG/L	54	223	-	84000	77000	89000	7040
	SELENIUM	UG/L	L 50	L 50	-	200	120	430	L 500
	SILVER	UG/L	9	L 2	78	190	180	190	L 2
	ZINC	UG/L	698	269	61	1100000	860000	1300000	7800
NON-CONV. METALS	ALUMINUM	UG/L	1420	332	77	N-D	N-D	N-D	1170
	BARIUM	UG/L	328	112	66	N-D	N-D	N-D	317
	CALCIUM	MG/L	57	57	-	N-D	N-D	N-D	142
	IRON	UG/L	2310	1680	27	N-D	N-D	N-D	16300
	MAGNESIUM	MG/L	14	14	-	N-D	N-D	N-D	32
	MANGANESE	UG/L	150	151	-	N-D	N-D	N-D	770
	SODIUM	MG/L	146	138	5	N-D	N-D	N-D	99

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N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 8

SAMPLE DATE ENDING 79/07/27 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
CONVENTIONALS	BOD	MG/L	210	64	70	26000	NOT RUN	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	246	118	52	102550	81820	NOT RUN	NOT RUN
	COD	MG/L	648	384	41	168000	NOT RUN	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	68	17	75	70200	27350	79150	56
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	70	20	71	1500	2000	5000	2700
	TOTAL SOLIDS	MG/L	978	778	20	101099	79378	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	732	660	10	6100	3390	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	516	320	38	58248	47131	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	352	238	32	3765	2435	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	164	82	50	60450	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	14	24	-	200	NOT RUN	NOT RUN	NOT RUN
	TOC	MG/L	135	78	42	16000	NOT RUN	NOT RUN	NOT RUN
VOLATILES	ACRYLONITRILE	UG/L	L 19	L 19	-	L 100	L 100	200	L 19
	BENZENE	UG/L	2	29	-	22	19	810	29
	CHLOROBENZENE	UG/L	L 1	L 1	-	10	L 5	35	L 1
	1,1,1-TRICHLOROETHANE	UG/L	45	L 2	96	L 5	L 5	L 5	L 2
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	230	L 5	L 5	L 1
	1,1,2-TRICHLOROETHANE	UG/L	L 2	L 2	-	L 5	6	L 5	L 2
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 5	L 5	32	L 1
	CHLOROETHANE	UG/L	L 15	L 15	-	L 5	3000	L 5	L 15
	CHLOROFORM	UG/L	10	12	-	L 5	L 5	L 5	L 1
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 2	L 2	-	1440	1080	720	L 2
	1,2-DICHLOROPROPANE	UG/L	1	L 1	-	L 5	2	L 5	L 1
	ETHYLBENZENE	UG/L	17	6	65	870	330	2180	6
	METHYLENE CHLORIDE	UG/L	12	5	58	L 5	L 5	L 5	10
	DICHLORODIFLUOROMETHANE	UG/L	L 30	L 30	-	4300	1800	G 500	L 30
	TETRACHLOROETHYLENE	UG/L	53	L 2	96	10	L 5	400	L 2
	TOLUENE	UG/L	242	1100	-	6500	5820	69500	1100
	TRICHLOROETHYLENE	UG/L	78	L 2	97	L 5	5	265	L 2
	VINYL CHLORIDE	UG/L	L 33	L 33	-	L 5	500	L 5	L 33
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	L 10	14	-	1700	990	N-D	89
	PHENOL	UG/L	8	1	88	940	580	4100	570
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	310	380	790	L 3
	NAPHTHALENE	UG/L	33	L 2	94	1100	720	N-D	6
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 2	8	-	21000	12000	24000	25
	BUTYL BENZYL PHTHALATE	UG/L	140	9	94	45000	19000	43000	L 3
	DI-N-BUTYL PHTHALATE	UG/L	L 3	L 3	-	1600	1040	2900	L 3
	1,2-BENZANTHRACENE	UG/L	L 3	L 3	-	1300	N-D	N-D	L 3
	CHRYSENE	UG/L	L 3	L 3	-	1300	N-D	N-D	L 3
	ANTHRACENE	UG/L	6	L 3	50	1500	970	1830	L 3
	PHENANTHRENE	UG/L	6	L 3	50	1500	970	1830	L 3
	PYRENE	UG/L	L 3	L 3	-	710	620	1050	L 3
METALS	ANTIMONY	UG/L	L 50	L 50	-	940	660	2700	L 500
	ARSENIC	UG/L	L 50	L 50	-	1300	920	1600	L 500
	BERYLLIUM	UG/L	L 2	L 2	-	35	20	32	L 2

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DAILY ANALYTICAL RESULTS

PLANT 8

SAMPLE DATE ENDING 79/07/27 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	HEAT TRT SLUDGE	HEAT TRT DECANT
METALS	CADMIUM	UG/L	3	L 2	33	540	330	550	L 2
	CHROMIUM	UG/L	585	178	70	120000	84000	130000	1120
	COPPER	UG/L	356	243	32	150000	120000	170000	211
	CYANIDE	UG/L	15	L 1	93	1130	1390	2180	41
	LEAD	UG/L	935	217	77	110000	110000	49000	212
	MERCURY	MG/L	600	L 200	67	270000	170000	520000	L 400
	NICKEL	UG/L	1310	283	78	73000	53000	74000	7210
	SELENIUM	UG/L	L 50	103	-	320	170	330	L 500
	SILVER	UG/L	16	5	69	170	110	110	L 2
	ZINC	UG/L	3520	1200	66	860000	600000	940000	6250
NON-CONV. METALS	ALUMINUM	UG/L	1380	972	30	N-D	N-D	N-D	1350
	BARIUM	UG/L	300	428	-	N-D	N-D	N-D	398
	CALCIUM	MG/L	63	59	6	N-D	N-D	N-D	146
	IRON	UG/L	12500	3690	70	N-D	N-D	N-D	17500
	MAGNESIUM	MG/L	15	14	7	N-D	N-D	N-D	32
	MANGANESE	UG/L	210	183	13	N-D	N-D	N-D	769
	SODIUM	MG/L	157	152	3	N-D	N-D	N-D	99

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DAILY ANALYTICAL RESULTS

PLANT 9

SAMPLE DATE ENDING 79/08/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	122	3	98	7150	2050
	TOTAL SUSP. SOLIDS	MG/L	102	24	76	27224	7135
	COD	MG/L	319	35	89	42263	7220
	OIL & GREASE	MG/L	29	5	83	874	266
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	10	2	80	505	235
	TOTAL SOLIDS	MG/L	480	324	32	28114	7524
	TOTAL DISS. SOLIDS	MG/L	224	230	-	890	389
	SETTLEABLE SOLIDS	ML/L	8	L 1	88	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	180	54	70	20610	5216
	VOLATILE DISS. SOLIDS	MG/L	120	44	63	220	30
	TOTAL VOL. SUS. SOLIDS	MG/L	96	16	83	20390	5186
	AMMONIA NITROGEN	MG/L	7	2	71	72	36
	TOC	MG/L	90	13	86	4700	1900
VOLATILES	BENZENE	UG/L	4	4	-	7	L 5
	CHLOROBENZENE	UG/L	L 5	L 5	-	12	L 5
	1,1-DICHLOROETHANE	UG/L	L 5	L 5	-	240	L 5
	CHLOROFORM	UG/L	6	1	83	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 5	L 5	-	740	11
	1,2-DICHLOROPROPANE	UG/L	L 5	L 5	-	5	L 5
	ETHYLBENZENE	UG/L	L 5	L 5	-	35	4
	METHYL CHLORIDE	UG/L	L 5	L 5	-	1500	L 5
	METHYL BROMIDE	UG/L	L 5	L 5	-	30000	L 5
	TETRACHLOROETHYLENE	UG/L	6	L 5	17	14	L 5
	TOLUENE	UG/L	8	L 5	38	970	200
	TRICHLOROETHYLENE	UG/L	41	L 5	88	80	L 5
ACID EXTRACT	PARACHLOROMETA CRESOL	UG/L	10	L 50	-	N-D	N-D
	PHENOL	UG/L	5	L 60	-	N-D	270
BASE-NEUTRALS	HEXACHLOROBENZENE	UG/L	L 20	L 20	-	N-D	28
	FLUORANTHENE	UG/L	L 10	L 10	-	150	55
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	11	L 20	-	2600	790
	BUTYL BENZYL PHTHALATE	UG/L	L 20	L 20	-	760	73
	DI-N-BUTYL PHTHALATE	UG/L	10	92	-	150	71
	DIETHYL PHTHALATE	UG/L	5	L 20	-	44	49
	DIMETHYL PHTHALATE	UG/L	L 20	L 20	-	99	29
	1,2-BENZANTHRACENE	UG/L	L 10	L 10	-	67	46
	BENZO (A)PYRENE	UG/L	L 10	L 10	-	302	N-D
	11,12-BENZOFLUORANTHENE	UG/L	L 10	L 10	-	67	N-D
	CHRYSENE	UG/L	L 10	L 10	-	NOT RUN	46
	ANTHRACENE	UG/L	L 20	L 20	-	150	57
	PHENANTHRENE	UG/L	L 20	L 20	-	150	57
	PYRENE	UG/L	L 10	L 10	-	130	72
METALS	ANTIMONY	UG/L	L 1	L 1	-	48	22
	ARSENIC	UG/L	3	1	67	45	22
	CADMIUM	UG/L	4	2	50	N-D	N-D
	CHROMIUM	UG/L	80	L 2	97	N-D	N-D

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DAILY ANALYTICAL RESULTS

PLANT 9

SAMPLE DATE ENDING 79/08/16 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	COPPER	UG/L		76		11	86	N-D	N-D
	CYANIDE	UG/L		70		30	57	20800	260
	LEAD	UG/L		61	L	41	33	7200	2600
	MERCURY	NG/L	L	1000	L	1000	-	46000	28000
	NICKEL	UG/L		35		19	46	N-D	N-D
	SELENIUM	UG/L	I	2	I	1	50	70	39
	SILVER	UG/L		16		1	94	N-D	N-D
	ZINC	UG/L		173		66	62	N-D	N-D
NON-CONV. METALS	ALUMINUM	UG/L		632		115	82	NOT RUN	NOT RUN
	BARIUM	UG/L		119		37	69	NOT RUN	NOT RUN
	BORON	UG/L		238		125	47	NOT RUN	NOT RUN
	CALCIUM	MG/L		29		30	-	NOT RUN	NOT RUN
	IRON	UG/L		1580		352	78	NOT RUN	NOT RUN
	MAGNESIUM	MG/L		7		7	-	NOT RUN	NOT RUN
	MANGANESE	UG/L		174		121	30	NOT RUN	NOT RUN
	SODIUM	MG/L		50		48	4	NOT RUN	NOT RUN
	TITANIUM	UG/L		28		3	89	NOT RUN	NOT RUN
	VANADIUM	UG/L		3	L	2	33	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 9

SAMPLE DATE ENDING 79/08/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	92	7	92	10778	1700
	TOTAL SUSP. SOLIDS	MG/L	196	4	98	34674	6172
	COD	MG/L	362	35	90	46588	7848
	OIL & GREASE	MG/L	32	6	81	1234	310
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	87	12	86	890	431
	TOTAL SOLIDS	MG/L	574	302	47	36184	6563
	TOTAL DISS. SOLIDS	MG/L	240	294	-	1510	400
	SETTLEABLE SOLIDS	ML/L	10	L 1	90	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	284	78	73	28056	4582
	VOLATILE DISS. SOLIDS	MG/L	16	102	-	618	37
	TOTAL VOL. SUS. SOLIDS	MG/L	170	2	99	27438	4545
	AMMONIA NITROGEN	MG/L	5	3	40	85	40
	TOC	MG/L	95	9	91	7600	2400
VOLATILES	BENZENE	UG/L	L 5	8	-	8	L 5
	CHLOROBENZENE	UG/L	L 5	3	-	29	L 5
	1,1,1-TRICHLOROETHANE	UG/L	L 5	L 5	-	37	L 5
	1,1-DICHLOROETHANE	UG/L	L 5	L 5	-	630	L 5
	1,1,2-TRICHLOROETHANE	UG/L	46	6	87	N-D	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	6	L 5	17	5	L 5
	CHLOROETHANE	UG/L	L 5	L 5	-	4100	L 5
	CHLOROFORM	UG/L	5	3	40	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 5	L 5	-	L 5	28
	1,2-DICHLOROPROPANE	UG/L	L 5	L 5	-	10	L 5
	ETHYLBENZENE	UG/L	L 5	L 5	-	144	3
	METHYL CHLORIDE	UG/L	6	L 5	17	6100	L 5
	METHYL BROMIDE	UG/L	L 5	L 5	-	17000	1400
	TETRACHLOROETHYLENE	UG/L	L 5	L 5	-	68	L 5
	TOLUENE	UG/L	5	T 1	80	340	1700
	TRICHLOROETHYLENE	UG/L	44	L 5	89	430	5
	VINYL CHLORIDE	UG/L	L 5	L 5	-	13000	L 5
ACID EXTRACT	PARACHLOROMETA CRESOL	UG/L	1	L 50	-	N-D	N-D
	PHENOL	UG/L	4	L 60	-	N-D	290
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 20	L 20	-	1900	480
	BUTYL BENZYL PHTHALATE	UG/L	L 20	L 20	-	N-D	210
	DI-N-BUTYL PHTHALATE	UG/L	46	L 20	57	N-D	N-D
	DIETHYL PHTHALATE	UG/L	33	L 20	39	N-D	N-D
	ANTHRACENE	UG/L	L 20	L 20	-	130	36
	PHENANTHRENE	UG/L	L 20	L 20	-	130	36
METALS	ANTIMONY	UG/L	L 1	L 1	-	40	22
	ARSENIC	UG/L	L 1	2	-	33	24
	CADMIUM	UG/L	5	L 2	60	230	200
	CHROMIUM	UG/L	56	L 2	96	8500	3800
	COPPER	UG/L	73	12	84	11900	5100
	CYANIDE	UG/L	50	30	40	44510	460
	LEAD	UG/L	42	L 41	2	3700	2000

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DAILY ANALYTICAL RESULTS

PLANT 9

SAMPLE DATE ENDING 79/08/17 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	MERCURY	NG/L	L	1000	L	1000	-	130000	57000
	NICKEL	UG/L		42		20	52	4800	1300
	SELENIUM	UG/L	J	1	J	1	-	52	54
	SILVER	UG/L		9	L	1	89	30	300
	ZINC	UG/L		218		52	76	26500	6200
NON-CONV. METALS	ALUMINUM	UG/L		489		90	82	NOT RUN	NOT RUN
	BARIUM	UG/L		124		34	73	NOT RUN	NOT RUN
	BORON	UG/L		154		135	12	NOT RUN	NOT RUN
	CALCIUM	MG/L		33		28	15	NOT RUN	NOT RUN
	IRON	UG/L		1470		357	76	NOT RUN	NOT RUN
	MAGNESIUM	MG/L		7		7	-	NOT RUN	NOT RUN
	MANGANESE	UG/L		178		89	50	NOT RUN	NOT RUN
	SODIUM	MG/L		52		52	-	NOT RUN	NOT RUN
	TIN	UG/L		27	L	26	4	NOT RUN	NOT RUN
	TITANIUM	UG/L		20		4	80	NOT RUN	NOT RUN
	VANADIUM	UG/L		3		2	33	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 9

SAMPLE DATE ENDING 79/08/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	120	L 2	98	12600	1950
	TOTAL SUSP. SOLIDS	MG/L	208	4	98	23255	6292
	COD	MG/L	234	37	84	42483	7034
	OIL & GREASE	MG/L	38	5	87	1058	222
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	110	12	89	1102	341
	TOTAL SOLIDS	MG/L	536	300	44	24250	7016
	TOTAL DISS. SOLIDS	MG/L	308	258	16	995	724
	SETTLEABLE SOLIDS	ML/L	17	L 1	94	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	232	56	76	18774	4848
	VOLATILE DISS. SOLIDS	MG/L	70	8	89	307	48
	TOTAL VOL. SUS. SOLIDS	MG/L	182	2	99	18469	4800
	AMMONIA NITROGEN	MG/L	14	4	71	122	24
	TOC	MG/L	84	10	88	6400	1560
VOLATILES	BENZENE	UG/L	L 5	L 5	-	4	L 5
	CARBON TETRACHLORIDE	UG/L	5	L 5	-	N-D	N-D
	CHLOROBENZENE	UG/L	L 5	L 5	-	9	L 5
	1,1-DICHLOROETHANE	UG/L	L 5	L 5	-	230	L 5
	1,1,2-TRICHLOROETHANE	UG/L	51	L 5	90	N-D	N-D
	CHLOROETHANE	UG/L	L 5	L 5	-	71000	3500
	CHLOROFORM	UG/L	4	2	50	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 5	L 5	-	L 5	77
	ETHYLBENZENE	UG/L	L 5	5	-	24	2
	METHYL CHLORIDE	UG/L	5	L 5	-	L 5	L 5
	METHYL BROMIDE	UG/L	L 5	L 5	-	120	520
	TETRACHLOROETHYLENE	UG/L	L 5	T 1	-	15	L 5
	TOLUENE	UG/L	7	L 5	29	1200	1300
	TRICHLOROETHYLENE	UG/L	55	L 5	91	100	3
	VINYL CHLORIDE	UG/L	L 5	L 5	-	9400	71
ACID EXTRACT	4,6-DINITRO-O-CRESOL	UG/L	L 50	2	-	N-D	N-D
	PHENOL	UG/L	3	L 60	-	N-D	760
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	12	L 20	-	300	N-D
	BUTYL BENZYL PHTHALATE	UG/L	L 20	L 20	-	820	N-D
	DI-N-BUTYL PHTHALATE	UG/L	19	2	89	160	N-D
	DIETHYL PHTHALATE	UG/L	6	6	-	N-D	N-D
METALS	ANTIMONY	UG/L	L 1	L 1	-	56	4
	ARSENIC	UG/L	2	2	-	39	10
	BERYLLIUM	UG/L	L 1	L 1	-	7	L 6
	CADMIUM	UG/L	4	3	25	310	230
	CHROMIUM	UG/L	74	L 2	97	6300	3800
	COPPER	UG/L	62	22	65	9400	5500
	CYANIDE	UG/L	80	30	63	28480	280
	LEAD	UG/L	99	L 41	59	3800	2500
	MERCURY	MG/L	L 1000	L 1000	-	100000	40000
	NICKEL	UG/L	41	24	41	5100	1200
	SELENIUM	UG/L	I 1	I 3	-	73	17

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DAILY ANALYTICAL RESULTS

PLANT 9

SAMPLE DATE ENDING 79/08/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	SILVER	UG/L	16	L	1	94	380	630
	ZINC	UG/L	184		98	47	22200	6800
NON-CONV. METALS	ALUMINUM	UG/L	476		96	80	NOT RUN	NOT RUN
	BARIUM	UG/L	126		34	73	NOT RUN	NOT RUN
	BORON	UG/L	168		134	20	NOT RUN	NOT RUN
	CALCIUM	MG/L	28		27	4	NOT RUN	NOT RUN
	IRON	UG/L	1370		359	74	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	7		7	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	168		55	67	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	L 36		40	-	NOT RUN	NOT RUN
	SODIUM	MG/L	52		53	-	NOT RUN	NOT RUN
	TIN	UG/L	31	L	26	16	NOT RUN	NOT RUN
	TITANIUM	UG/L	19		4	79	NOT RUN	NOT RUN
	VANADIUM	UG/L	3		3	-	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 9

SAMPLE DATE ENDING 79/08/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	114	8	93	12166	1950
	TOTAL SUSP. SOLIDS	MG/L	125	26	79	43384	5676
	COD	MG/L	164	35	79	57051	6096
	OIL & GREASE	MG/L	21	5	76	927	133
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	47	L 2	96	391	540
	TOTAL SOLIDS	MG/L	347	286	18	44614	6076
	TOTAL DISS. SOLIDS	MG/L	209	200	4	1230	400
	SETTLEABLE SOLIDS	ML/L	6	L 1	83	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	146	80	45	35116	4258
	VOLATILE DISS. SOLIDS	MG/L	59	56	5	454	28
	TOTAL VOL. SUS. SOLIDS	MG/L	98	16	84	34662	4230
	AMMONIA NITROGEN	MG/L	8	2	75	121	17
	TOC	MG/L	77	10	87	16900	1400
VOLATILES	1,1-DICHLOROETHANE	UG/L	L 5	L 5	-	40	L 5
	1,1,2-TRICHLOROETHANE	UG/L	22	L 5	77	N-D	N-D
	CHLOROETHANE	UG/L	L 5	L 5	-	1800	L 5
	CHLOROFORM	UG/L	2	L 5	-	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 5	L 5	-	510	2
	1,2-DICHLOROPROPANE	UG/L	L 5	L 5	-	16	L 5
	ETHYLBENZENE	UG/L	L 5	L 5	-	6	L 5
	METHYLENE CHLORIDE	UG/L	L 5	L 5	-	27	L 5
	METHYL BROMIDE	UG/L	L 5	L 5	-	3800	L 5
	TETRACHLOROETHYLENE	UG/L	11	L 5	55	8	L 5
	TOLUENE	UG/L	9	L 5	44	3	1400
	TRICHLOROETHYLENE	UG/L	7	L 5	29	47	1
	VINYL CHLORIDE	UG/L	L 5	L 5	-	3600	L 5
ACID EXTRACT	PHENOL	UG/L	L 60	L 60	-	200	800
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 20	L 20	-	3500	690
	BUTYL BENZYL PHTHALATE	UG/L	L 20	L 20	-	960	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 20	L 20	-	140	N-D
	DIETHYL PHTHALATE	UG/L	10	5	50	N-D	N-D
METALS	ANTIMONY	UG/L	L 1	L 1	-	22	L 4
	ARSENIC	UG/L	3	4	-	18	14
	CADMIUM	UG/L	L 2	2	-	370	150
	CHROMIUM	UG/L	31	2	94	10300	2500
	COPPER	UG/L	74	66	11	16300	3700
	CYANIDE	UG/L	80	20	75	30880	380
	LEAD	UG/L	99	L 41	59	5900	2100
	MERCURY	NG/L	L 1000	L 1000	-	82000	82000
	NICKEL	UG/L	52	35	33	6200	910
	SELENIUM	UG/L	J 1	J 1	-	42	38
	SILVER	UG/L	4	1	75	280	400
	ZINC	UG/L	144	39	73	36800	4800
NON-CONV. METALS	ALUMINUM	UG/L	886	85	90	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 9

SAMPLE DATE ENDING 79/08/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	BARIUM	UG/L	116		32	72	NOT RUN	NOT RUN
	BORON	UG/L	126		102	19	NOT RUN	NOT RUN
	CALCIUM	MG/L	24		23	4	NOT RUN	NOT RUN
	IRON	UG/L	2050		378	82	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	6		6	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	155		48	69	NOT RUN	NOT RUN
	SODIUM	MG/L	31		38	-	NOT RUN	NOT RUN
	TITANIUM	UG/L	54		4	93	NOT RUN	NOT RUN
	VANADIUM	UG/L	4	L	2	50	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 9

SAMPLE DATE ENDING 79/08/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	94	7	93	7334	1375
	TOTAL SUSP. SOLIDS	MG/L	92	16	83	46238	5950
	COD	MG/L	212	31	85	51758	5964
	OIL & GREASE	MG/L	40	7	82	1715	29
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	73	2	97	732	394
	TOTAL SOLIDS	MG/L	362	260	28	47440	6298
	TOTAL DISS. SOLIDS	MG/L	190	186	2	1202	348
	SETTLEABLE SOLIDS	ML/L	6	L 1	83	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	118	56	53	34906	4414
	VOLATILE DISS. SOLIDS	MG/L	40	60	-	430	24
	TOTAL VOL. SUS. SOLIDS	MG/L	82	12	85	34476	4390
	AMMONIA NITROGEN	MG/L	11	1	91	124	33
	TOC	MG/L	80	12	85	12200	1100
VOLATILES	1,1-DICHLOROETHANE	UG/L	L 5	L 5	-	32	L 5
	CHLOROETHANE	UG/L	L 5	L 5	-	14000	610
	CHLOROFORM	UG/L	L 5	1	-	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 5	L 5	-	520	3
	1,2-DICHLOROPROPANE	UG/L	L 5	L 5	-	7	L 5
	ETHYLBENZENE	UG/L	L 5	L 5	-	8	L 5
	METHYLENE CHLORIDE	UG/L	L 5	L 5	-	16	L 5
	METHYL CHLORIDE	UG/L	L 5	2	-	L 5	L 5
	METHYL BROMIDE	UG/L	L 5	L 5	-	7800	1100
	TETRACHLOROETHYLENE	UG/L	4	L 5	-	14	L 5
	TOLUENE	UG/L	3	L 5	-	7300	1200
	TRICHLOROETHYLENE	UG/L	3	L 5	-	81	2
	VINYL CHLORIDE	UG/L	L 5	L 5	-	2000	L 5
ACID EXTRACT	PHENOL	UG/L	L 60	L 60	-	N-D	750
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 10	L 10	-	190	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 20	L 20	-	5700	480
	BUTYL BENZYL PHTHALATE	UG/L	L 20	L 20	-	1200	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 20	L 20	-	210	N-D
	DIETHYL PHTHALATE	UG/L	6	2	67	N-D	N-D
	ANTHRACENE	UG/L	L 20	L 20	-	270	N-D
	PHENANTHRENE	UG/L	L 20	L 20	-	270	N-D
	PYRENE	UG/L	L 10	L 10	-	160	N-D
METALS	ANTIMONY	UG/L	L 1	1	-	55	24
	ARSENIC	UG/L	2	1	50	83	24
	CADMIUM	UG/L	L 2	2	-	330	150
	CHROMIUM	UG/L	29	L 2	93	10100	3000
	COPPER	UG/L	42	17	60	16400	4300
	CYANIDE	UG/L	70	20	71	15230	320
	LEAD	UG/L	68	56	18	11000	1800
	MERCURY	NG/L	L 1000	L 1000	-	180000	34000
	NICKEL	UG/L	23	27	-	6100	870
	SELENIUM	UG/L	I 2	I 2	-	32	56

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DAILY ANALYTICAL RESULTS

PLANT 9

SAMPLE DATE ENDING 79/08/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	SILVER	UG/L	2	L	1	50	40	220
	ZINC	UG/L	67		37	45	35500	5100
NON-CONV. METALS	ALUMINUM	UG/L	413		107	74	NOT RUN	NOT RUN
	BARIUM	UG/L	76		31	59	NOT RUN	NOT RUN
	BORON	UG/L	56		125	-	NOT RUN	NOT RUN
	CALCIUM	MG/L	29		25	14	NOT RUN	NOT RUN
	IRON	UG/L	1020		389	62	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	7		6	14	NOT RUN	NOT RUN
	MANGANESE	UG/L	170		56	67	NOT RUN	NOT RUN
	SODIUM	MG/L	40		37	7	NOT RUN	NOT RUN
	TITANIUM	UG/L	16		6	63	NOT RUN	NOT RUN
	VANADIUM	UG/L	4		3	25	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 9

SAMPLE DATE ENDING 79/08/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	128	3	98	15166	2050
	TOTAL SUSP. SOLIDS	MG/L	170	12	93	62438	6458
	COD	MG/L	308	43	86	56047	6409
	OIL & GREASE	MG/L	53	10	81	3690	28
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	73	14	81	321	334
	TOTAL SOLIDS	MG/L	430	280	35	63580	6798
	TOTAL DISS. SOLIDS	MG/L	232	242	-	1142	340
	SETTLEABLE SOLIDS	ML/L	6	L 1	83	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	178	72	60	46544	4804
	VOLATILE DISS. SOLIDS	MG/L	20	32	-	336	16
	TOTAL VOL. SUS. SOLIDS	MG/L	156	8	95	46208	4788
	AMMONIA NITROGEN	MG/L	12	6	50	95	34
	TOC	MG/L	92	16	83	14920	1300
VOLATILES	BENZENE	UG/L	L 5	14	-	13	L 5
	1,1,2-TRICHLOROETHANE	UG/L	17	L 5	71	N-D	N-D
	CHLOROETHANE	UG/L	L 5	L 5	-	7000	L 5
	CHLOROFORM	UG/L	7	3	57	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 5	L 5	-	680	L 5
	ETHYLBENZENE	UG/L	3	L 5	-	88	L 5
	METHYLENE CHLORIDE	UG/L	30	L 5	83	L 5	L 5
	METHYL CHLORIDE	UG/L	L 5	12	-	L 5	L 5
	METHYL BROMIDE	UG/L	L 5	L 5	-	8900	L 5
	TETRACHLOROETHYLENE	UG/L	2	L 5	-	150	L 5
	TOLUENE	UG/L	14	1	93	350	1200
	TRICHLOROETHYLENE	UG/L	49	L 5	90	420	L 5
	VINYL CHLORIDE	UG/L	L 5	L 5	-	7000	L 5
ACID EXTRACT	PHENOL	UG/L	1	L 60	-	N-D	N-D
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 10	L 10	-	170	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	4	L 20	-	2900	322
	BUTYL BENZYL PHTHALATE	UG/L	L 20	L 20	-	860	N-D
	DIETHYL PHTHALATE	UG/L	3	L 20	-	N-D	N-D
	PYRENE	UG/L	L 10	L 10	-	140	N-D
METALS	ANTIMONY	UG/L	1	L 1	-	21	13
	ARSENIC	UG/L	3	2	33	5	18
	CADMIUM	UG/L	7	3	57	300	180
	CHROMIUM	UG/L	59	18	69	8800	3500
	COPPER	UG/L	91	27	70	17000	4800
	CYANIDE	UG/L	140	30	79	43240	940
	LEAD	UG/L	176	43	76	5600	2500
	MERCURY	NG/L	L 1000	L 1000	-	150000	37000
	NICKEL	UG/L	34	27	21	6400	870
	SELENIUM	UG/L	I 2	J 1	50	14	37
	SILVER	UG/L	18	1	94	40	420
	ZINC	UG/L	174	49	72	34900	5900

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/08/21
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DAILY ANALYTICAL RESULTS

PLANT 9

SAMPLE DATE ENDING 79/08/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L	567		96	83	NOT RUN	NOT RUN
	BARIUM	UG/L	120		35	73	NOT RUN	NOT RUN
	BORON	UG/L	130		163	-	NOT RUN	NOT RUN
	CALCIUM	MG/L	28		27	4	NOT RUN	NOT RUN
	IRON	UG/L	1540		399	74	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	7		7	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	171		178	-	NOT RUN	NOT RUN
	SODIUM	MG/L	53		50	6	NOT RUN	NOT RUN
	TIN	UG/L	42	L	25	60	NOT RUN	NOT RUN
	TITANIUM	UG/L	24		12	50	NOT RUN	NOT RUN
	VANADIUM	UG/L	4		3	25	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 10
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/08/28 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	249	NOT RUN	-	NOT RUN	6467	NOT RUN	8333
	TOTAL SUSP. SOLIDS	MG/L	269	17	94	NOT RUN	29500	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	104	5	95	NOT RUN	451	NOT RUN	176
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	73	14	81	NOT RUN	990	NOT RUN	1260
	TOTAL SOLIDS	MG/L	813	538	34	NOT RUN	30670	NOT RUN	13309
	TOTAL DISS. SOLIDS	MG/L	637	516	19	NOT RUN	300	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	277	104	62	NOT RUN	21200	NOT RUN	9330
	AMMONIA NITROGEN	MG/L	22	9	59	NOT RUN	700	NOT RUN	39
	TOC	MG/L	84	40	52	NOT RUN	3756	NOT RUN	3564
VOLATILES	ACRYLONITRILE	UG/L	L 19	L 19	-	L 19	N-D	NOT RUN	5
	BENZENE	UG/L	L 1	L 1	-	L 1	2	NOT RUN	1
	CHLOROBENZENE	UG/L	L 1	L 1	-	L 1	25	NOT RUN	N-D
	1,1,1-TRICHLOROETHANE	UG/L	3	L 1	67	L 1	N-D	NOT RUN	N-D
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	L 1	N-D	NOT RUN	N-D
	CHLOROFORM	UG/L	16	1	94	L 1	N-D	NOT RUN	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	554	NOT RUN	N-D
	ETHYLBENZENE	UG/L	6	L 6	-	L 6	266	NOT RUN	N-D
	METHYLENE CHLORIDE	UG/L	130	23	82	3	N-D	NOT RUN	N-D
	METHYL CHLORIDE	UG/L	11	L 10	9	L 10	N-D	NOT RUN	36
	METHYL BROMIDE	UG/L	L 10	L 10	-	L 10	N-D	NOT RUN	199
	TETRACHLOROETHYLENE	UG/L	6	7	-	L 1	N-D	NOT RUN	N-D
	TOLUENE	UG/L	16	L 1	94	L 1	200	NOT RUN	793
	TRICHLOROETHYLENE	UG/L	130	L 1	99	L 1	2	NOT RUN	N-D
	VINYL CHLORIDE	UG/L	L 10	L 10	-	L 10	16	NOT RUN	N-D
ACID EXTRACT	PHENOL	UG/L	19	L 1	95	L 1	720	NOT RUN	N-D
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	4	L 3	25	L 3	N-D	NOT RUN	N-D
	1,4-DICHLOROBENZENE	UG/L	4	L 3	25	L 3	N-D	NOT RUN	N-D
	FLUORANTHENE	UG/L	L 3	L 3	-	L 3	105	NOT RUN	N-D
	NAPHTHALENE	UG/L	L 2	L 2	-	L 2	308	NOT RUN	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	390	6	98	42	8700	NOT RUN	1600
	BUTYL BENZYL PHTHALATE	UG/L	2	L 2	-	L 2	950	NOT RUN	220
	DI-N-BUTYL PHTHALATE	UG/L	7	8	-	12	N-D	NOT RUN	N-D
	DIETHYL PHTHALATE	UG/L	7	L 3	57	6	N-D	NOT RUN	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	N-D	NOT RUN	75
	CHRYSENE	UG/L	L 5	L 5	-	L 5	N-D	NOT RUN	75
	ANTHRACENE	UG/L	L 3	L 3	-	L 3	N-D	NOT RUN	10100
	FLUORENE	UG/L	L 3	L 3	-	L 3	170	NOT RUN	200
	PHENANTHRENE	UG/L	L 3	L 3	-	L 3	N-D	NOT RUN	10100
	PYRENE	UG/L	L 3	L 3	-	L 3	106	NOT RUN	62
PESTICIDES	GAMMA-BHC	MG/L	60	L 10	83	20	N-D	NOT RUN	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	NOT RUN	29	NOT RUN	20
	ARSENIC	UG/L	L 50	L 50	-	NOT RUN	27	NOT RUN	27
	BERYLLIUM	UG/L	L 2	L 2	-	NOT RUN	L 6	NOT RUN	8

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/08/28
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 10
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/08/28 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	CADMIUM	UG/L	4	4	-	NOT RUN	1100	NOT RUN	N-D
	CHROMIUM	UG/L	19	36	-	NOT RUN	9200	NOT RUN	N-D
	COPPER	UG/L	101	32	68	NOT RUN	20000	NOT RUN	N-D
	CYANIDE	UG/L	698	145	79	NOT RUN	42900	NOT RUN	1510
	LEAD	UG/L	75	L 20	73	NOT RUN	8600	NOT RUN	4200
	MERCURY	NG/L	800	300	63	NOT RUN	110000	NOT RUN	34000
	NICKEL	UG/L	L 10	L 35	-	NOT RUN	2500	NOT RUN	N-D
	SELENIUM	UG/L	L 50	L 50	-	NOT RUN	140	NOT RUN	210
	SILVER	UG/L	8	6	25	NOT RUN	2500	NOT RUN	N-D
	ZINC	UG/L	264	120	55	NOT RUN	53000	NOT RUN	N-D
NON-CONV. METALS	ALUMINUM	UG/L	1290	289	78	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	80	31	61	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	40	35	13	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1050	238	77	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	21	14	33	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	104	96	8	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	109	77	29	NOT RUN	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/08/28
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 10
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/08/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	274	16	94	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	173	14	92	NOT RUN	15000	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	82	19	77	NOT RUN	225	NOT RUN	41
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	42	3	93	NOT RUN	680	NOT RUN	190
	TOTAL SOLIDS	MG/L	807	546	32	NOT RUN	15401	NOT RUN	9629
	TOTAL DISS. SOLIDS	MG/L	640	520	19	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	232	113	51	NOT RUN	9851	NOT RUN	6708
	AMMONIA NITROGEN	MG/L	24	8	67	NOT RUN	715	NOT RUN	35
	TOC	MG/L	190	32	68	NOT RUN	8508	NOT RUN	4224
VOLATILES	BENZENE	UG/L	1	L 1	-	L 1	4	NOT RUN	1
	1,1,1-TRICHLOROETHANE	UG/L	2	L 1	50	L 1	N-D	NOT RUN	N-D
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	L 1	N-D	NOT RUN	N-D
	CHLOROFORM	UG/L	11	2	82	1	1	NOT RUN	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	1386	NOT RUN	N-D
	1,2-DICHLOROPROPANE	UG/L	2	L 1	50	L 1	N-D	NOT RUN	N-D
	ETHYLBENZENE	UG/L	11	L 1	91	L 1	117	NOT RUN	N-D
	METHYLENE CHLORIDE	UG/L	104	110	-	26	N-D	NOT RUN	N-D
	METHYL CHLORIDE	UG/L	8	22	-	L 10	N-D	NOT RUN	N-D
	METHYL BROMIDE	UG/L	L 10	L 10	-	L 10	N-D	NOT RUN	43
	TETRACHLOROETHYLENE	UG/L	4	7	-	5	N-D	NOT RUN	1
	TOLUENE	UG/L	31	L 1	97	L 1	493	NOT RUN	608
	TRICHLOROETHYLENE	UG/L	68	L 1	99	L 1	N-D	NOT RUN	1
ACID EXTRACT	PHENOL	UG/L	11	L 1	91	L 1	N-D	NOT RUN	N-D
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	3	L 5	-	L 5	N-D	NOT RUN	N-D
	NAPHTHALENE	UG/L	2	L 2	-	L 2	N-D	NOT RUN	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	55	21	62	17	930	NOT RUN	920
	BUTYL BENZYL PHTHALATE	UG/L	8	L 2	75	L 2	N-D	NOT RUN	N-D
	DI-N-BUTYL PHTHALATE	UG/L	12	4	67	7	89	NOT RUN	N-D
	DIETHYL PHTHALATE	UG/L	8	L 3	63	L 3	140	NOT RUN	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	L 3	190	NOT RUN	N-D
	PHENANTHRENE	UG/L	L 3	L 3	-	L 3	190	NOT RUN	N-D
PESTICIDES	GAMMA-BHC	NG/L	60	20	67	L 10	N-D	NOT RUN	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	NOT RUN	32	NOT RUN	L 4
	ARSENIC	UG/L	L 50	L 50	-	NOT RUN	30	NOT RUN	L 3
	BERYLLIUM	UG/L	L 2	L 2	-	NOT RUN	7	NOT RUN	L 6
	CADMIUM	UG/L	3	3	-	NOT RUN	910	NOT RUN	1320
	CHROMIUM	UG/L	16	36	-	NOT RUN	8000	NOT RUN	12900
	COPPER	UG/L	68	20	71	NOT RUN	10400	NOT RUN	15900
	CYANIDE	UG/L	1100	124	89	NOT RUN	73200	NOT RUN	1840
	LEAD	UG/L	45	L 20	56	NOT RUN	8500	NOT RUN	4700
	MERCURY	NG/L	500	L 200	60	NOT RUN	140000	NOT RUN	34000
	NICKEL	UG/L	L 10	34	-	NOT RUN	2700	NOT RUN	2700
	SELENIUM	UG/L	L 50	L 50	-	NOT RUN	120	NOT RUN	12

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/08/29
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DAILY ANALYTICAL RESULTS

PLANT 10
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/08/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	SILVER	UG/L	10	4	60	NOT RUN	250	NOT RUN	530
	ZINC	UG/L	193	87	55	NOT RUN	53800	NOT RUN	32700
NON-CONV. METALS	ALUMINUM	UG/L	889	209	76	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	83	23	72	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	39	35	10	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	648	176	73	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	21	14	33	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	96	90	6	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	108	79	27	NOT RUN	NOT RUN	NOT RUN	NOT RUN

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N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 10
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/08/30 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	301	18	94	NOT RUN	7555	5278	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	205	20	90	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	73	51	30	NOT RUN	129	17	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	60	14	77	NOT RUN	740	690	NOT RUN
	TOTAL SOLIDS	MG/L	779	529	32	NOT RUN	20281	13911	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	560	397	29	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	227	135	41	NOT RUN	12727	9905	NOT RUN
	AMMONIA NITROGEN	MG/L	25	8	68	NOT RUN	702	34	NOT RUN
	TOC	MG/L	106	24	77	NOT RUN	8892	5142	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	9	3	NOT RUN
	CHLOROBENZENE	UG/L	L 1	L 1	-	L 1	N-D	2	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	7	L 1	86	L 1	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	2	L 1	50	L 1	N-D	1	NOT RUN
	CHLOROETHANE	UG/L	3	L 10	-	L 10	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	13	L 1	92	2	2	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	1238	N-D	NOT RUN
	ETHYLBENZENE	UG/L	3	L 1	67	L 1	82	10	NOT RUN
	METHYLENE CHLORIDE	UG/L	81	14	83	47	N-D	2	NOT RUN
	METHYL CHLORIDE	UG/L	8	L 10	-	L 10	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	5	4	20	4	N-D	N-D	NOT RUN
	TOLUENE	UG/L	6	L 1	83	L 1	1438	11200	NOT RUN
	TRICHLOROETHYLENE	UG/L	42	L 1	98	L 1	N-D	2	NOT RUN
	VINYL CHLORIDE	UG/L	L 10	L 10	-	L 10	19	N-D	NOT RUN
ACID EXTRACT	PHENOL	UG/L	4	L 1	75	L 1	N-D	N-D	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	2	L 3	-	L 3	N-D	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	2	L 3	-	L 3	N-D	N-D	NOT RUN
	NAPHTHALENE	UG/L	6	L 2	67	L 2	N-D	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	14	10	29	5	2100	N-D	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	3	L 2	33	L 2	N-D	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	6	6	-	3	N-D	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	T 3	L 3	-	L 3	120	N-D	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	20	20	-	L 10	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	NOT RUN	26	180	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	NOT RUN	31	39	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	NOT RUN	10	8	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	NOT RUN	820	N-D	NOT RUN
	CHROMIUM	UG/L	24	29	-	NOT RUN	8100	N-D	NOT RUN
	COPPER	UG/L	66	9	86	NOT RUN	18200	N-D	NOT RUN
	CYANIDE	UG/L	598	251	58	NOT RUN	44700	2760	NOT RUN
	LEAD	UG/L	L 20	L 20	-	NOT RUN	8200	5600	NOT RUN
	MERCURY	NG/L	800	NOT RUN	-	NOT RUN	79000	41000	NOT RUN
	NICKEL	UG/L	L 10	51	-	NOT RUN	2700	N-D	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	NOT RUN	76	240	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 10
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/08/30 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	SILVER	UG/L	12	L 2	83	NOT RUN	140	N-D	NOT RUN
	ZINC	UG/L	197	71	64	NOT RUN	53400	N-D	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1120	166	85	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	76	18	76	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	39	34	13	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	733	131	82	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	20	14	30	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	91	90	1	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	103	81	21	NOT RUN	NOT RUN	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 10
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/08/31 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	177	15	92	NOT RUN	7055	5833	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	220	15	93	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	55	6	89	NOT RUN	356	517	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	78	12	85	NOT RUN	550	340	NOT RUN
	TOTAL SOLIDS	MG/L	979	595	39	NOT RUN	17948	34860	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	685	523	24	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	343	167	51	NOT RUN	11822	28700	NOT RUN
	AMMONIA NITROGEN	MG/L	25	7	72	NOT RUN	716	55	NOT RUN
	TOC	MG/L	122	36	70	NOT RUN	8978	19800	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	2	8	NOT RUN
	CHLOROBENZENE	UG/L	L 1	L 1	-	L 1	N-D	3	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	4	L 1	75	L 1	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	2	L 1	50	L 1	N-D	8	NOT RUN
	CHLOROFORM	UG/L	5	1	80	L 1	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	909	1435	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	L 1	N-D	4	NOT RUN
	ETHYLBENZENE	UG/L	2	L 1	50	L 1	100	72	NOT RUN
	METHYLENE CHLORIDE	UG/L	110	50	55	80	N-D	27	NOT RUN
	METHYL CHLORIDE	UG/L	270	L 10	96	L 10	N-D	N-D	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	L 1	7	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	4	3	25	4	N-D	2	NOT RUN
	TOLUENE	UG/L	5	L 1	80	L 1	1597	541	NOT RUN
	TRICHLOROETHYLENE	UG/L	51	L 1	98	L 1	N-D	5	NOT RUN
	VINYL CHLORIDE	UG/L	L 10	L 10	-	L 10	14	196	NOT RUN
ACID EXTRACT	PHENOL	UG/L	4	L 1	75	L 1	5800	190	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	10	L 3	70	L 3	N-D	N-D	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	5	L 3	40	L 3	N-D	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	7	L 3	57	L 3	N-D	N-D	NOT RUN
	NAPHTHALENE	UG/L	4	L 2	50	L 2	N-D	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	18	8	56	14	2700	3000	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	2	L 2	-	L 2	N-D	340	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 2	11	-	9	N-D	103	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	L 3	83	76	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	L 3	83	76	NOT RUN
PESTICIDES	ALPHA-BHC	MG/L	L 10	L 10	-	40	N-D	N-D	NOT RUN
	GAMMA-BHC	MG/L	L 10	20	-	L 10	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	NOT RUN	25	36	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	NOT RUN	24	15	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	NOT RUN	9	L 6	NOT RUN
	CADMIUM	UG/L	7	L 2	71	NOT RUN	840	380	NOT RUN
	CHROMIUM	UG/L	21	40	-	NOT RUN	7300	3200	NOT RUN
	COPPER	UG/L	67	6	91	NOT RUN	17000	14300	NOT RUN
	CYANIDE	UG/L	900	168	81	NOT RUN	48000	67800	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/08/31
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DAILY ANALYTICAL RESULTS

PLANT 10
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/08/31 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	LEAD	UG/L	31	L 20	35	NOT RUN	7100	6700	NOT RUN
	MERCURY	NG/L	400	L 200	50	NOT RUN	82000	48000	NOT RUN
	NICKEL	UG/L	12	46	-	NOT RUN	2600	680	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	NOT RUN	180	220	NOT RUN
	SILVER	UG/L	8	L 2	75	NOT RUN	50	90	NOT RUN
	ZINC	UG/L	208	68	67	NOT RUN	50600	43000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	844	122	86	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	82	17	79	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	40	34	15	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	629	102	84	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	21	14	33	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	96	113	-	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	109	80	27	NOT RUN	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/08/31
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DAILY ANALYTICAL RESULTS

PLANT 10
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/09/01 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	208	NOT RUN	-	NOT RUN	4028	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	243	13	95	NOT RUN	NOT RUN	10800	NOT RUN
	OIL & GREASE	MG/L	60	5	92	NOT RUN	289	351	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	66	38	42	NOT RUN	630	390	NOT RUN
	TOTAL SOLIDS	MG/L	874	511	42	NOT RUN	7420	27354	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	644	NOT RUN	-	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	316	122	61	NOT RUN	4753	21929	NOT RUN
	AMMONIA NITROGEN	MG/L	25	11	56	NOT RUN	707	59	NOT RUN
	TOC	MG/L	158	34	78	NOT RUN	7716	23850	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	2	17	NOT RUN
	CARBON TETRACHLORIDE	UG/L	2	L 1	50	L 1	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	N-D	12	NOT RUN
	CHLOROFORM	UG/L	5	1	80	1	2	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	1094	525	NOT RUN
	ETHYLBENZENE	UG/L	3	L 1	67	L 1	80	70	NOT RUN
	METHYLENE CHLORIDE	UG/L	56	113	-	39	N-D	29	NOT RUN
	TETRACHLOROETHYLENE	UG/L	3	2	33	3	N-D	N-D	NOT RUN
	TOLUENE	UG/L	7	L 1	86	L 1	1413	335	NOT RUN
	TRICHLOROETHYLENE	UG/L	36	L 1	97	L 1	N-D	N-D	NOT RUN
	VINYL CHLORIDE	UG/L	L 10	L 10	-	L 10	17	306	NOT RUN
ACID EXTRACT	PHENOL	UG/L	6	L 1	83	L 1	203	303	NOT RUN
BASE-NEUTRALS	1,4-DICHLOROBENZENE	UG/L	2	L 3	-	L 3	N-D	N-D	NOT RUN
	NAPHTHALENE	UG/L	3	L 2	33	L 2	N-D	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	19	4	79	9	2700	6500	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	2	L 2	-	L 2	N-D	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 2	4	-	6	N-D	N-D	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	L 3	N-D	110	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	L 3	N-D	110	NOT RUN
	PYRENE	UG/L	L 3	L 3	-	L 3	N-D	75	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	20	10	50	L 10	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	NOT RUN	57	NOT RUN	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	NOT RUN	59	NOT RUN	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	NOT RUN	810	NOT RUN	NOT RUN
	CHROMIUM	UG/L	17	35	-	NOT RUN	6800	NOT RUN	NOT RUN
	COPPER	UG/L	71	L 2	97	NOT RUN	16100	NOT RUN	NOT RUN
	CYANIDE	UG/L	816	128	84	NOT RUN	49200	137000	NOT RUN
	LEAD	UG/L	51	L 20	61	NOT RUN	5000	NOT RUN	NOT RUN
	MERCURY	NG/L	900	L 200	78	NOT RUN	90000	NOT RUN	NOT RUN
	NICKEL	UG/L	11	46	-	NOT RUN	2500	NOT RUN	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	NOT RUN	320	NOT RUN	NOT RUN
	SILVER	UG/L	10	L 2	80	NOT RUN	70	NOT RUN	NOT RUN
	ZINC	UG/L	212	31	85	NOT RUN	16900	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/01
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 10
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/09/01 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L	851	60	93	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	79	12	85	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	41	34	17	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	662	75	89	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	21	14	33	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	103	95	8	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	108	80	26	NOT RUN	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/01
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 10
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/09/02 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	6	16	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	2	L 1	50	L 1	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	N-D	3	NOT RUN
	CHLOROFORM	UG/L	5	1	80	1	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	17	182	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	L 1	1	N-D	NOT RUN
	ETHYLBENZENE	UG/L	L 1	L 1	-	L 1	69	29	NOT RUN
	METHYLENE CHLORIDE	UG/L	2	9	-	7	N-D	91	NOT RUN
	METHYL CHLORIDE	UG/L	L 10	L 10	-	L 10	10	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	5	L 1	80	1	N-D	N-D	NOT RUN
	TOLUENE	UG/L	9	L 1	89	L 1	10000	91	NOT RUN
	TRICHLOROETHYLENE	UG/L	9	L 1	89	L 1	N-D	N-D	NOT RUN
	VINYL CHLORIDE	UG/L	L 10	2	-	L 10	N-D	76	NOT RUN
ACID EXTRACT	PHENOL	UG/L	7	L 1	86	L 1	420	N-D	NOT RUN
BASE-NEUTRALS	HEXACHLOROBENZENE	UG/L	L 9	L 9	-	L 9	N-D	190	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	4	L 3	25	L 3	N-D	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	19	6	68	22	5200	5700	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	3	L 2	33	L 2	N-D	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	4	4	-	4	N-D	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	3	L 3	-	L 3	N-D	N-D	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	N-D	260	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	L 5	N-D	260	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	L 3	200	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	L 3	200	N-D	NOT RUN
	PYRENE	UG/L	L 3	L 3	-	L 3	N-D	220	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	90	L 10	89	L 10	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	NOT RUN	79	NOT RUN	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	NOT RUN	76	NOT RUN	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	NOT RUN	770	NOT RUN	NOT RUN
	CHROMIUM	UG/L	L 5	17	-	NOT RUN	6300	NOT RUN	NOT RUN
	COPPER	UG/L	59	L 2	97	NOT RUN	15500	NOT RUN	NOT RUN
	LEAD	UG/L	L 20	L 20	-	NOT RUN	5500	NOT RUN	NOT RUN
	MERCURY	NG/L	400	L 200	50	NOT RUN	56000	NOT RUN	NOT RUN
	NICKEL	UG/L	L 10	33	-	NOT RUN	2100	NOT RUN	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	NOT RUN	230	NOT RUN	NOT RUN
	SILVER	UG/L	L 2	L 2	-	NOT RUN	40	NOT RUN	NOT RUN
	ZINC	UG/L	174	63	64	NOT RUN	46500	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	851	40	95	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	68	13	81	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	42	35	17	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	548	79	86	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	22	14	36	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	99	87	12	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	115	81	30	NOT RUN	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/02
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 10
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/08/28 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
CONVENTIONALS	BOD	MG/L	249	NOT RUN	-	6467	NOT RUN	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	269	8	97	29500	NOT RUN	NOT RUN	5500
	OIL & GREASE	MG/L	104	7	93	451	NOT RUN	NOT RUN	492
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	73	20	73	990	NOT RUN	NOT RUN	640
	TOTAL SOLIDS	MG/L	813	592	27	30670	NOT RUN	NOT RUN	14833
	TOTAL DISS. SOLIDS	MG/L	637	NOT RUN	-	300	NOT RUN	NOT RUN	11600
	TOTAL VOLATILE SOLIDS	MG/L	277	136	51	21200	NOT RUN	NOT RUN	12256
	AMMONIA NITROGEN	MG/L	22	18	18	700	NOT RUN	NOT RUN	23
	TOC	MG/L	84	54	36	3756	NOT RUN	NOT RUN	5238
VOLATILES	BENZENE	UG/L	L 1	L 1	-	2	NOT RUN	NOT RUN	1
	CHLOROBENZENE	UG/L	L 1	L 1	-	25	NOT RUN	NOT RUN	N-D
	1,1,1-TRICHLOROETHANE	UG/L	3	L 1	67	N-D	NOT RUN	NOT RUN	N-D
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	N-D	NOT RUN	NOT RUN	N-D
	CHLOROFORM	UG/L	16	1	94	N-D	NOT RUN	NOT RUN	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	554	NOT RUN	NOT RUN	28
	ETHYLBENZENE	UG/L	6	L 1	83	266	NOT RUN	NOT RUN	1
	METHYLENE CHLORIDE	UG/L	130	34	74	N-D	NOT RUN	NOT RUN	N-D
	METHYL CHLORIDE	UG/L	11	L 10	9	N-D	NOT RUN	NOT RUN	N-D
	METHYL BROMIDE	UG/L	L 10	L 10	-	N-D	NOT RUN	NOT RUN	250
	TETRACHLOROETHYLENE	UG/L	6	4	33	N-D	NOT RUN	NOT RUN	N-D
	TOLUENE	UG/L	16	L 1	94	200	NOT RUN	NOT RUN	4240
	TRICHLOROETHYLENE	UG/L	130	L 1	99	2	NOT RUN	NOT RUN	N-D
	VINYL CHLORIDE	UG/L	L 10	L 10	-	16	NOT RUN	NOT RUN	N-D
ACID EXTRACT	PHENOL	UG/L	19	1	95	720	NOT RUN	NOT RUN	2600
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	4	L 3	25	N-D	NOT RUN	NOT RUN	N-D
	1,4-DICHLOROBENZENE	UG/L	4	L 3	25	N-D	NOT RUN	NOT RUN	N-D
	FLUORANTHENE	UG/L	L 3	L 3	-	105	NOT RUN	NOT RUN	N-D
	NAPHTHALENE	UG/L	L 2	L 2	-	308	NOT RUN	NOT RUN	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	390	7	98	8700	NOT RUN	NOT RUN	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	2	L 2	-	950	NOT RUN	NOT RUN	N-D
	DI-N-BUTYL PHTHALATE	UG/L	7	7	-	N-D	NOT RUN	NOT RUN	N-D
	DIETHYL PHTHALATE	UG/L	7	L 3	57	N-D	NOT RUN	NOT RUN	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	N-D	NOT RUN	NOT RUN	700
	FLUORENE	UG/L	L 3	L 3	-	170	NOT RUN	NOT RUN	N-D
	PHENANTHRENE	UG/L	L 3	L 3	-	N-D	NOT RUN	NOT RUN	700
	PYRENE	UG/L	L 3	L 3	-	106	NOT RUN	NOT RUN	N-D
PESTICIDES	DIELDRIN	NG/L	L 30	40	-	N-D	NOT RUN	NOT RUN	N-D
	GAMMA-BHC	NG/L	60	30	50	N-D	NOT RUN	NOT RUN	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	29	NOT RUN	NOT RUN	22
	ARSENIC	UG/L	L 50	L 50	-	27	NOT RUN	NOT RUN	25
	CADMIUM	UG/L	4	L 2	50	1100	NOT RUN	NOT RUN	440
	CHROMIUM	UG/L	19	9	53	9200	NOT RUN	NOT RUN	3700
	COPPER	UG/L	101	26	74	20000	NOT RUN	NOT RUN	7100

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/08/28
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 10
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/08/28 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
METALS	CYANIDE	UG/L	698	182	74	42900	NOT RUN	NOT RUN	3790
	LEAD	UG/L	75	25	67	8600	NOT RUN	NOT RUN	2700
	MERCURY	NG/L	800	L 200	75	110000	NOT RUN	NOT RUN	12000
	NICKEL	UG/L	L 10	35	-	2500	NOT RUN	NOT RUN	810
	SELENIUM	UG/L	L 50	L 50	-	140	NOT RUN	NOT RUN	170
	SILVER	UG/L	8	3	63	2500	NOT RUN	NOT RUN	850
	ZINC	UG/L	264	88	67	53000	NOT RUN	NOT RUN	12000
NON-CONV. METALS	ALUMINUM	UG/L	1290	65	95	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	80	14	82	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	40	36	10	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1050	77	93	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	21	18	14	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	104	100	4	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	109	98	10	NOT RUN	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/08/28
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 10
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/08/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
CONVENTIONALS	BOD	MG/L	274	NOT RUN	-	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	173	7	96	15000	NOT RUN	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	82	19	77	225	NOT RUN	NOT RUN	49
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	42	23	45	680	NOT RUN	NOT RUN	220
	TOTAL SOLIDS	MG/L	807	591	27	15401	NOT RUN	NOT RUN	7825
	TOTAL DISS. SOLIDS	MG/L	640	588	8	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	232	127	45	9851	NOT RUN	NOT RUN	6544
	AMMONIA NITROGEN	MG/L	24	20	17	715	NOT RUN	NOT RUN	22
	TOC	MG/L	100	68	32	8508	NOT RUN	NOT RUN	4710
VOLATILES	BENZENE	UG/L	1	L 1	-	4	NOT RUN	NOT RUN	1
	1,1,1-TRICHLOROETHANE	UG/L	2	L 1	50	N-D	NOT RUN	NOT RUN	N-D
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	N-D	NOT RUN	NOT RUN	N-D
	CHLOROETHANE	UG/L	L 10	L 10	-	N-D	NOT RUN	NOT RUN	300
	CHLOROFORM	UG/L	11	3	73	1	NOT RUN	NOT RUN	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	1386	NOT RUN	NOT RUN	1
	1,2-DICHLOROPROPANE	UG/L	2	L 1	50	N-D	NOT RUN	NOT RUN	N-D
	ETHYLBENZENE	UG/L	11	L 1	91	117	NOT RUN	NOT RUN	1
	METHYLENE CHLORIDE	UG/L	104	99	5	N-D	NOT RUN	NOT RUN	N-D
	METHYL CHLORIDE	UG/L	8	L 10	-	N-D	NOT RUN	NOT RUN	N-D
	METHYL BROMIDE	UG/L	L 10	L 10	-	N-D	NOT RUN	NOT RUN	250
	TETRACHLOROETHYLENE	UG/L	4	5	-	N-D	NOT RUN	NOT RUN	N-D
	TOLUENE	UG/L	31	L 1	97	493	NOT RUN	NOT RUN	444
	TRICHLOROETHYLENE	UG/L	68	L 1	99	N-D	NOT RUN	NOT RUN	N-D
ACID EXTRACT	PHENOL	UG/L	11	L 1	91	N-D	NOT RUN	NOT RUN	N-D
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 8	L 8	-	N-D	NOT RUN	NOT RUN	17
	1,2,4-TRICHLOROBENZENE	UG/L	3	L 5	-	N-D	NOT RUN	NOT RUN	N-D
	FLUORANTHENE	UG/L	L 3	L 3	-	N-D	NOT RUN	NOT RUN	25
	NAPHTHALENE	UG/L	2	L 2	-	N-D	NOT RUN	NOT RUN	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	55	3	95	930	NOT RUN	NOT RUN	1080
	BUTYL BENZYL PHTHALATE	UG/L	8	L 2	75	N-D	NOT RUN	NOT RUN	94
	DI-N-BUTYL PHTHALATE	UG/L	12	5	58	89	NOT RUN	NOT RUN	100
	DIETHYL PHTHALATE	UG/L	8	L 3	63	140	NOT RUN	NOT RUN	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	N-D	NOT RUN	NOT RUN	31
	CHRYSENE	UG/L	L 5	L 5	-	N-D	NOT RUN	NOT RUN	31
	ANTHRACENE	UG/L	L 3	L 3	-	190	NOT RUN	NOT RUN	89
	PHENANTHRENE	UG/L	L 3	L 3	-	190	NOT RUN	NOT RUN	89
	PYRENE	UG/L	L 3	L 3	-	N-D	NOT RUN	NOT RUN	44
PESTICIDES	4,4'-DDD	NG/L	L 60	230	-	N-D	NOT RUN	NOT RUN	N-D
	GAMMA-BHC	NG/L	60	40	33	N-D	NOT RUN	NOT RUN	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	32	NOT RUN	NOT RUN	17
	ARSENIC	UG/L	L 50	L 50	-	30	NOT RUN	NOT RUN	21
	BERYLLIUM	UG/L	L 2	L 2	-	7	NOT RUN	NOT RUN	7
	CADMIUM	UG/L	3	L 2	33	910	NOT RUN	NOT RUN	47

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/08/29
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N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 10
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/08/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
METALS	CHROMIUM	UG/L	16	6	63	8000	NOT RUN	NOT RUN	1900
	COPPER	UG/L	68	5	93	10400	NOT RUN	NOT RUN	1700
	CYANIDE	UG/L	1100	147	87	73200	NOT RUN	NOT RUN	1100
	LEAD	UG/L	45	L 20	56	8500	NOT RUN	NOT RUN	2500
	MERCURY	MG/L	500	L 200	60	140000	NOT RUN	NOT RUN	32000
	NICKEL	UG/L	L 10	L 10	-	2700	NOT RUN	NOT RUN	310
	SELENIUM	UG/L	L 50	L 50	-	120	NOT RUN	NOT RUN	280
	SILVER	UG/L	10	L 2	80	250	NOT RUN	NOT RUN	250
	ZINC	UG/L	193	43	78	53800	NOT RUN	NOT RUN	5200
NON-CONV. METALS	ALUMINUM	UG/L	889	58	93	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	83	13	84	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	39	34	13	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	648	59	91	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	21	18	14	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	96	86	10	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	108	94	13	NOT RUN	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/08/29
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 10
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/08/30 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
CONVENTIONALS	BOD	MG/L	301	33	89	7555	5278	246	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	205	26	87	NOT RUN	NOT RUN	300	NOT RUN
	OIL & GREASE	MG/L	73	5	93	129	17	28	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	60	480	-	740	690	32	NOT RUN
	TOTAL SOLIDS	MG/L	779	579	26	20281	13911	1009	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	560	NOT RUN	-	NOT RUN	NOT RUN	560	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	227	155	32	12727	9905	310	NOT RUN
	AMMONIA NITROGEN	MG/L	25	19	24	702	34	25	NOT RUN
	TOC	MG/L	106	46	57	8892	5142	151	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	9	3	N-D	NOT RUN
	CHLOROBENZENE	UG/L	L 1	L 1	-	N-D	2	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	7	L 1	86	N-D	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	2	L 1	50	N-D	1	1	NOT RUN
	CHLOROETHANE	UG/L	3	L 10	-	N-D	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	13	3	77	2	N-D	1	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	L 1	L 1	-	N-D	N-D	1	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	1238	N-D	N-D	NOT RUN
	ETHYLBENZENE	UG/L	3	L 1	67	82	10	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	81	63	22	N-D	2	1	NOT RUN
	METHYL CHLORIDE	UG/L	8	L 10	-	N-D	N-D	N-D	NOT RUN
	DICHLORODIFLUOROMETHANE	UG/L	L 10	L 10	-	N-D	N-D	48	NOT RUN
	TETRACHLOROETHYLENE	UG/L	5	3	40	N-D	N-D	22	NOT RUN
	TOLUENE	UG/L	6	1	83	1438	11200	1	NOT RUN
	TRICHLOROETHYLENE	UG/L	42	L 1	98	N-D	2	19	NOT RUN
	VINYL CHLORIDE	UG/L	L 10	L 10	-	19	N-D	N-D	NOT RUN
ACID EXTRACT	PHENOL	UG/L	4	L 1	75	N-D	N-D	N-D	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	2	L 3	-	N-D	N-D	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	2	L 3	-	N-D	N-D	N-D	NOT RUN
	NAPHTHALENE	UG/L	6	L 2	67	N-D	N-D	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	14	13	7	2100	N-D	106	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	3	L 2	33	N-D	N-D	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	6	8	-	N-D	N-D	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	T 3	L 3	-	120	N-D	N-D	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	20	30	-	N-D	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	26	180	L 4	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	31	39	L 3	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	10	8	L 6	NOT RUN
	CADMIUM	UG/L	L 2	33	-	820	N-D	L 20	NOT RUN
	CHROMIUM	UG/L	24	7	71	8100	N-D	L 150	NOT RUN
	COPPER	UG/L	66	13	80	18200	N-D	100	NOT RUN
	CYANIDE	UG/L	598	179	70	44700	2760	261	NOT RUN
	LEAD	UG/L	L 20	L 20	-	8200	5600	80	NOT RUN
	MERCURY	NG/L	800	L 200	75	79000	41000	L 6000	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/08/30
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 10
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/08/30 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
METALS	NICKEL	UG/L	L 10	12	-	2700	N-D	L 100	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	76	240	15	NOT RUN
	SILVER	UG/L	12	L 2	83	140	N-D	49	NOT RUN
	ZINC	UG/L	197	74	62	53400	N-D	410	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1120	52	95	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	76	13	83	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	39	35	10	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	733	81	89	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	20	18	10	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	91	90	1	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	103	97	6	NOT RUN	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/08/30
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 10
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/08/31 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
CONVENTIONALS	BOD	MG/L	177	21	88	7055	5833	225	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	220	19	91	NOT RUN	NOT RUN	690	NOT RUN
	OIL & GREASE	MG/L	55	39	29	356	517	59	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	78	19	76	550	340	32	NOT RUN
	TOTAL SOLIDS	MG/L	979	754	23	17948	34860	1569	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	685	610	11	NOT RUN	NOT RUN	1125	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	343	115	66	11822	28700	904	NOT RUN
	AMMONIA NITROGEN	MG/L	25	19	24	716	55	26	NOT RUN
	TOC	MG/L	122	34	72	8978	19800	294	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	2	8	N-D	NOT RUN
	CHLOROBENZENE	UG/L	L 1	L 1	-	N-D	3	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	4	L 1	75	N-D	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	2	L 1	50	N-D	8	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	N-D	N-D	1	NOT RUN
	CHLOROFORM	UG/L	5	2	60	N-D	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	909	1435	N-D	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	N-D	4	N-D	NOT RUN
	ETHYLBENZENE	UG/L	2	L 1	50	100	72	1	NOT RUN
	METHYLENE CHLORIDE	UG/L	110	49	55	N-D	27	1	NOT RUN
	METHYL CHLORIDE	UG/L	270	L 10	96	N-D	N-D	N-D	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	7	N-D	N-D	NOT RUN
	DICHLORODIFLUOROMETHANE	UG/L	L 10	L 10	-	N-D	N-D	13	NOT RUN
	TETRACHLOROETHYLENE	UG/L	4	2	50	N-D	2	23	NOT RUN
	TOLUENE	UG/L	5	L 1	80	1597	541	9	NOT RUN
	TRICHLOROETHYLENE	UG/L	51	L 1	98	N-D	5	8	NOT RUN
	VINYL CHLORIDE	UG/L	L 10	L 10	-	14	196	N-D	NOT RUN
ACID EXTRACT	PHENOL	UG/L	4	L 1	75	5800	190	N-D	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	10	L 3	70	N-D	N-D	N-D	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	5	L 3	40	N-D	N-D	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	7	L 3	57	N-D	N-D	N-D	NOT RUN
	NAPHTHALENE	UG/L	4	L 2	50	N-D	N-D	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	18	12	33	2700	3000	470	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	2	L 2	-	N-D	340	54	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 2	11	-	N-D	103	14	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	83	76	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	83	76	N-D	NOT RUN
PESTICIDES	BETA-BHC	NG/L	L 10	40	-	N-D	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	L 10	50	-	N-D	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	25	36	32	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	24	15	6	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	9	L 6	7	NOT RUN
	CADMIUM	UG/L	7	L 2	71	840	380	50	NOT RUN
	CHROMIUM	UG/L	21	6	71	7300	3200	410	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/08/31
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 10
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/08/31 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
METALS	COPPER	UG/L	67	4	94	17000	14300	1300	NOT RUN
	CYANIDE	UG/L	900	166	82	48000	67800	562	NOT RUN
	LEAD	UG/L	31	L 20	35	7100	6700	630	NOT RUN
	MERCURY	NG/L	400	L 200	50	82000	48000	L 12000	NOT RUN
	NICKEL	UG/L	12	L 10	17	2600	680	70	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	180	220	51	NOT RUN
	SILVER	UG/L	8	L 2	75	50	90	190	NOT RUN
	ZINC	UG/L	208	39	81	50600	43000	4400	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	844	57	93	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	82	13	84	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	40	35	13	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	629	58	91	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	21	18	14	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	96	87	9	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	109	96	12	NOT RUN	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/08/31
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
U.D. NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 10
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/09/01 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
CONVENTIONALS	BOD	MG/L	208	16	92	4028	NOT RUN	246	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	243	10	96	NOT RUN	10800	675	NOT RUN
	OIL & GREASE	MG/L	60	13	78	289	351	81	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	66	38	42	630	390	60	NOT RUN
	TOTAL SOLIDS	MG/L	874	598	32	7420	27354	1154	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	644	580	10	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	316	110	65	4753	21929	586	NOT RUN
	AMMONIA NITROGEN	MG/L	25	20	20	707	59	23	NOT RUN
	TOC	MG/L	158	30	81	7716	23850	414	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	2	17	N-D	NOT RUN
	CARBON TETRACHLORIDE	UG/L	2	L 1	50	N-D	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	N-D	12	N-D	NOT RUN
	CHLOROFORM	UG/L	5	L 1	80	2	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	1094	525	N-D	NOT RUN
	ETHYLBENZENE	UG/L	3	L 1	67	80	70	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	56	46	18	N-D	29	1	NOT RUN
	DICHLORODIFLUOROMETHANE	UG/L	L 10	L 10	-	N-D	N-D	105	NOT RUN
	TETRACHLOROETHYLENE	UG/L	3	1	67	N-D	N-D	20	NOT RUN
	TOLUENE	UG/L	7	L 1	86	1413	335	N-D	NOT RUN
	TRICHLOROETHYLENE	UG/L	36	L 1	97	N-D	N-D	4	NOT RUN
	VINYL CHLORIDE	UG/L	L 10	L 10	-	17	306	N-D	NOT RUN
ACID EXTRACT	PHENOL	UG/L	6	L 1	83	203	303	N-D	NOT RUN
BASE-NEUTRALS	1,4-DICHLOROBENZENE	UG/L	2	L 3	-	N-D	N-D	N-D	NOT RUN
	NAPHTHALENE	UG/L	3	L 2	33	N-D	N-D	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	19	9	53	2700	6500	430	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	2	L 2	-	N-D	N-D	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 2	4	-	N-D	N-D	N-D	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	N-D	110	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	N-D	110	N-D	NOT RUN
	PYRENE	UG/L	L 3	L 3	-	N-D	75	N-D	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	20	L 10	50	N-D	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	57	NOT RUN	L 4	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	59	NOT RUN	L 3	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	810	NOT RUN	28	NOT RUN
	CHROMIUM	UG/L	17	L 5	71	6800	NOT RUN	180	NOT RUN
	COPPER	UG/L	71	7	90	16100	NOT RUN	580	NOT RUN
	CYANIDE	UG/L	816	173	79	49200	137000	496	NOT RUN
	LEAD	UG/L	51	L 20	61	5000	NOT RUN	260	NOT RUN
	MERCURY	NG/L	900	L 200	78	90000	NOT RUN	L 6000	NOT RUN
	NICKEL	UG/L	11	L 10	9	2500	NOT RUN	12	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	320	NOT RUN	30	NOT RUN
	SILVER	UG/L	10	L 2	80	70	NOT RUN	80	NOT RUN
	ZINC	UG/L	212	54	75	16900	NOT RUN	1700	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 10
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/09/01 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
NON-CONV. METALS	ALUMINUM	UG/L	851	26	97	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	79	13	84	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	41	35	15	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	662	62	91	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	21	18	14	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	103	88	15	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	108	95	12	NOT RUN	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/01
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D-NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 10
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/09/02 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
VOLATILES	BENZENE	UG/L	L 1	L 1	-	6	16	1	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	2	L 1	50	N-D	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	N-D	3	N-D	NOT RUN
	CHLOROFORM	UG/L	5	2	60	N-D	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	17	182	N-D	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	1	N-D	N-D	NOT RUN
	ETHYLBENZENE	UG/L	L 1	L 1	-	69	29	1	NOT RUN
	METHYLENE CHLORIDE	UG/L	2	8	-	N-D	91	2	NOT RUN
	METHYL CHLORIDE	UG/L	L 10	L 10	-	10	N-D	N-D	NOT RUN
	DICHLORODIFLUOROMETHANE	UG/L	L 10	L 10	-	N-D	N-D	81	NOT RUN
	TETRACHLOROETHYLENE	UG/L	5	1	80	N-D	N-D	9	NOT RUN
	TOLUENE	UG/L	9	L 1	89	10000	91	39	NOT RUN
	TRICHLOROETHYLENE	UG/L	9	L 1	89	N-D	N-D	7	NOT RUN
	VINYL CHLORIDE	UG/L	L 10	L 10	-	N-D	76	N-D	NOT RUN
ACID EXTRACT	PHENOL	UG/L	7	L 1	86	420	N-D	N-D	NOT RUN
BASE-NEUTRALS	HEXACHLOROBENZENE	UG/L	L 9	L 9	-	N-D	190	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	4	L 3	25	N-D	N-D	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	19	6	68	5200	5700	370	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	3	L 2	33	N-D	N-D	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	4	6	-	N-D	N-D	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	3	L 3	-	N-D	N-D	N-D	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	N-D	260	N-D	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	N-D	260	N-D	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	200	N-D	42	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	200	N-D	42	NOT RUN
	PYRENE	UG/L	L 3	L 3	-	N-D	220	N-D	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	90	10	89	N-D	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	79	NOT RUN	L 4	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	76	NOT RUN	L 3	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	770	NOT RUN	18	NOT RUN
	CHROMIUM	UG/L	L 5	L 5	-	6300	NOT RUN	110	NOT RUN
	COPPER	UG/L	59	4	93	15500	NOT RUN	360	NOT RUN
	LEAD	UG/L	L 20	L 20	-	5500	NOT RUN	180	NOT RUN
	MERCURY	NG/L	400	L 200	50	56000	NOT RUN	L 6000	NOT RUN
	NICKEL	UG/L	L 10	17	-	2100	NOT RUN	28	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	230	NOT RUN	18	NOT RUN
	SILVER	UG/L	L 2	L 2	-	40	NOT RUN	50	NOT RUN
	ZINC	UG/L	174	39	78	46500	NOT RUN	1100	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	851	L 20	98	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	68	12	82	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	42	37	12	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	548	137	75	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	22	18	18	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	99	89	10	NOT RUN	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/02
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DAILY ANALYTICAL RESULTS

PLANT 10
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/09/02 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
NON-CONV. METALS	SODIUM	MG/L	115	96	17	NOT RUN	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/02
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 11

SAMPLE DATE ENDING 79/09/05 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	115	NOT RUN	100	27	5583	2389
	TOTAL SUSP. SOLIDS	MG/L	113	NOT RUN	100	14	NOT RUN	2075
	OIL & GREASE	MG/L	24	NOT RUN	100	9	532	6
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	320	NOT RUN	100	12	500	15
	TOTAL SOLIDS	MG/L	1380	NOT RUN	100	1140	35751	2544
	TOTAL DISS. SOLIDS	MG/L	1214	NOT RUN	100	1095	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	295	NOT RUN	100	235	23733	1188
	AMMONIA NITROGEN	MG/L	15	NOT RUN	100	9	45	21
	TOC	MG/L	88	NOT RUN	100	30	4218	310
VOLATILES	BENZENE	UG/L	40	1	97	1	225	1
	CHLOROBENZENE	UG/L	L 5	L 5	-	L 5	149	2
	1,1,1-TRICHLOROETHANE	UG/L	168	4	98	5	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	6	L 5	17	L 5	100	37
	CHLOROFORM	UG/L	5	L 5	-	2	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	6	L 5	17	L 5	894	N-D
	1,3-DICHLOROPROPYLENE	UG/L	L 5	L 5	-	L 5	N-D	19
	ETHYLBENZENE	UG/L	20	1	95	L 1	219	N-D
	METHYLENE CHLORIDE	UG/L	60	L 5	92	L 1	37	1
	METHYL CHLORIDE	UG/L	L 5	L 5	-	L 5	151	18
	TRICHLOROFLUOROMETHANE	UG/L	L 5	L 5	-	L 5	17	2
	TETRACHLOROETHYLENE	UG/L	50	10	80	10	N-D	N-D
	TOLUENE	UG/L	40	1	97	L 1	65	5
	TRICHLOROETHYLENE	UG/L	90	1	99	2	N-D	N-D
ACID EXTRACT	PHENOL	UG/L	8	L 30	-	L 30	310	1800
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 10	L 10	-	L 10	920	N-D
	1,2-DICHLOROBENZENE	UG/L	L 10	L 10	-	1	N-D	N-D
	NAPHTHALENE	UG/L	7	L 10	-	L 10	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	30	20	33	16	5400	2900
	BUTYL BENZYL PHTHALATE	UG/L	3	L 10	-	L 10	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	7	2	71	3	N-D	N-D
	DIETHYL PHTHALATE	UG/L	3	1	67	2	N-D	N-D
	ANTHRACENE	UG/L	10	L 10	-	L 10	N-D	N-D
	PHENANTHRENE	UG/L	10	L 10	-	L 10	N-D	N-D
PESTICIDES	ALDRIN	NG/L	L 1000	6000	-	L 1000	N-D	N-D
METALS	ANTIMONY	UG/L	2	NOT RUN	100	6	110	20
	ARSENIC	UG/L	42	NOT RUN	100	6	170	16
	CADMIUM	UG/L	8	NOT RUN	100	8	420	53
	CHROMIUM	UG/L	198	NOT RUN	100	38	22000	1800
	COPPER	UG/L	157	NOT RUN	100	47	27000	2000
	CYANIDE	UG/L	852	NOT RUN	100	351	164000	726
	LEAD	UG/L	143	NOT RUN	100	105	9700	950
	MERCURY	NG/L	L 1000	NOT RUN	-	L 1000	190000	L 10000
	NICKEL	UG/L	86	NOT RUN	100	57	2400	290
	SELENIUM	UG/L	3	NOT RUN	100	3	190	18

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/05
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 11

SAMPLE DATE ENDING 79/09/05 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	SILVER	UG/L	20	NOT RUN	100	8	2700	270
	ZINC	UG/L	187	NOT RUN	100	77	34000	2000
NON-CONV. METALS	ALUMINUM	UG/L	1240	NOT RUN	100	353	NOT RUN	NOT RUN
	BARIUM	UG/L	170	NOT RUN	100	57	NOT RUN	NOT RUN
	BORON	UG/L	266	NOT RUN	100	402	NOT RUN	NOT RUN
	CALCIUM	MG/L	112	NOT RUN	100	88	NOT RUN	NOT RUN
	COBALT	UG/L	L 53	NOT RUN	-	7	NOT RUN	NOT RUN
	IRON	UG/L	1290	NOT RUN	100	266	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	38	NOT RUN	100	359	NOT RUN	NOT RUN
	MANGANESE	UG/L	63	NOT RUN	100	42	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	41	NOT RUN	100	78	NOT RUN	NOT RUN
	SODIUM	MG/L	232	NOT RUN	100	216	NOT RUN	NOT RUN
	TIN	UG/L	110	NOT RUN	100	82	NOT RUN	NOT RUN
	TITANIUM	UG/L	16	NOT RUN	100	4	NOT RUN	NOT RUN
	VANADIUM	UG/L	6	NOT RUN	100	7	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/05
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 11

SAMPLE DATE ENDING 79/09/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	109	NOT RUN	100	25	6889	2417
	TOTAL SUSP. SOLIDS	MG/L	168	NOT RUN	100	12	NOT RUN	925
	OIL & GREASE	MG/L	31	NOT RUN	100	3	502	45
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	350	NOT RUN	100	13	280	6
	TOTAL SOLIDS	MG/L	1264	NOT RUN	100	1160	25156	1809
	TOTAL DISS. SOLIDS	MG/L	1162	NOT RUN	100	1114	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	301	NOT RUN	100	191	17156	706
	AMMONIA NITROGEN	MG/L	18	NOT RUN	100	6	35	12
	TOC	MG/L	63	NOT RUN	100	24	9150	291
VOLATILES	BENZENE	UG/L	L 5	2	-	1	137	N-D
	CHLOROBENZENE	UG/L	L 5	L 5	-	L 5	127	5
	1,1,1-TRICHLOROETHANE	UG/L	110	10	91	10	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	10	1	90	1	4	10
	CHLOROETHANE	UG/L	L 5	L 5	-	L 5	51	N-D
	CHLOROFORM	UG/L	9	L 5	44	1	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	6	L 5	17	L 5	846	N-D
	ETHYLBENZENE	UG/L	L 5	1	-	1	134	13
	METHYLENE CHLORIDE	UG/L	L 5	L 5	-	10	N-D	N-D
	METHYL CHLORIDE	UG/L	L 5	L 5	-	L 5	392	12
	TETRACHLOROETHYLENE	UG/L	70	10	86	10	2	2
	TOLUENE	UG/L	60	3	95	1	231	6
	TRICHLOROETHYLENE	UG/L	90	5	94	5	4	2
ACID EXTRACT	PHENOL	UG/L	30	L 30	-	L 30	520	N-D
BASE-NEUTRALS	HEXACHLOROBENZENE	UG/L	20	L 10	50	L 10	N-D	N-D
	NAPHTHALENE	UG/L	4	L 10	-	L 10	190	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	30	8	73	6	3500	730
	DI-N-BUTYL PHTHALATE	UG/L	5	2	60	2	N-D	N-D
	DIETHYL PHTHALATE	UG/L	3	L 1	67	1	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	130	N-D
	CHRYSENE	UG/L	L 5	L 5	-	L 5	130	N-D
	ANTHRACENE	UG/L	9	L 10	-	L 10	650	N-D
	PHENANTHRENE	UG/L	9	L 10	-	L 10	650	N-D
PESTICIDES	ALDRIN	NG/L	5000	3000	40	1000	N-D	N-D
	HEPTACHLOR	NG/L	L 1000	1000	-	L 1000	N-D	N-D
	ALPHA-BHC	NG/L	3000	L 1000	67	L 1000	N-D	N-D
	BETA-BHC	NG/L	1000	L 1000	-	L 1000	N-D	N-D
METALS	ANTIMONY	UG/L	1	NOT RUN	100	2	110	4
	ARSENIC	UG/L	21	NOT RUN	100	18	140	9
	CADMIUM	UG/L	12	NOT RUN	100	11	550	13
	CHROMIUM	UG/L	175	NOT RUN	100	39	29800	550
	COPPER	UG/L	307	NOT RUN	100	94	44900	800
	CYANIDE	UG/L	268	NOT RUN	100	240	208000	338
	LEAD	UG/L	213	NOT RUN	100	188	16000	400
	MERCURY	NG/L	2000	NOT RUN	100	L 1000	200000	L 4000

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/06

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 11

SAMPLE DATE ENDING 79/09/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	NICKEL	UG/L	101	NOT RUN	100	68	4500	L 150
	SELENIUM	UG/L	3	NOT RUN	100	2	72	9
	SILVER	UG/L	18	NOT RUN	100	8	70	110
	ZINC	UG/L	193	NOT RUN	100	64	37700	550
NON-CONV. METALS	ALUMINUM	UG/L	1040	NOT RUN	100	376	NOT RUN	NOT RUN
	BARIUM	UG/L	180	NOT RUN	100	53	NOT RUN	NOT RUN
	BORON	UG/L	239	NOT RUN	100	259	NOT RUN	NOT RUN
	CALCIUM	MG/L	93	NOT RUN	100	89	NOT RUN	NOT RUN
	COBALT	UG/L	143	NOT RUN	100	200	NOT RUN	NOT RUN
	IRON	UG/L	1170	NOT RUN	100	214	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	36	NOT RUN	100	36	NOT RUN	NOT RUN
	MANGANESE	UG/L	53	NOT RUN	100	42	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	108	NOT RUN	100	126	NOT RUN	NOT RUN
	SODIUM	MG/L	202	NOT RUN	100	203	NOT RUN	NOT RUN
	TIN	UG/L	122	NOT RUN	100	97	NOT RUN	NOT RUN
	TITANIUM	UG/L	17	NOT RUN	100	8	NOT RUN	NOT RUN
	VANADIUM	UG/L	12	NOT RUN	100	13	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/06
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DAILY ANALYTICAL RESULTS

PLANT 11

SAMPLE DATE ENDING 79/09/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	97	NOT RUN	100	28	NOT RUN	1167
	TOTAL SUSP. SOLIDS	MG/L	160	NOT RUN	100	15	NOT RUN	2075
	OIL & GREASE	MG/L	7	NOT RUN	100	1	1624	54
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	270	NOT RUN	100	48	200	39
	TOTAL SOLIDS	MG/L	1319	NOT RUN	100	1180	49159	2411
	TOTAL DISS. SOLIDS	MG/L	1125	NOT RUN	100	1131	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	337	NOT RUN	100	207	36351	1064
	AMMONIA NITROGEN	MG/L	23	NOT RUN	100	13	100	17
	TOC	MG/L	81	NOT RUN	100	33	6100	207
VOLATILES	BENZENE	UG/L	40	3	92	1	236	1
	CHLOROBENZENE	UG/L	L 5	L 5	-	L 5	181	N-D
	1,1,1-TRICHLOROETHANE	UG/L	50	20	60	6	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	1	L 5	-	1	206	13
	CHLOROETHANE	UG/L	L 5	L 5	-	L 5	100	N-D
	CHLOROFORM	UG/L	L 5	1	-	1	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	5	L 5	-	L 5	1302	N-D
	ETHYLBENZENE	UG/L	10	1	90	L 5	132	N-D
	METHYLENE CHLORIDE	UG/L	140	100	29	50	218	N-D
	METHYL CHLORIDE	UG/L	L 5	L 5	-	L 5	21	N-D
	TETRACHLOROETHYLENE	UG/L	80	30	63	10	1	1
	TOLUENE	UG/L	50	30	40	1	259	15
	TRICHLOROETHYLENE	UG/L	60	20	67	4	N-D	18
BASE-NEUTRALS	HEXACHLOROBENZENE	UG/L	1	1	-	7	N-D	N-D
	NAPHTHALENE	UG/L	5	L 10	-	L 10	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 10	10	-	30	3400	470
	BUTYL BENZYL PHTHALATE	UG/L	L 10	1	-	L 10	970	N-D
	DI-N-BUTYL PHTHALATE	UG/L	5	1	80	2	84	N-D
	DIETHYL PHTHALATE	UG/L	4	1	75	L 10	N-D	N-D
	ANTHRACENE	UG/L	8	L 10	-	L 10	N-D	N-D
	PHENANTHRENE	UG/L	8	L 10	-	L 10	N-D	N-D
PESTICIDES	ALDRIN	NG/L	5000	5000	-	L 1000	N-D	N-D
	GAMMA-BHC	NG/L	L 1000	1000	-	L 1000	N-D	N-D
METALS	ANTIMONY	UG/L	1	NOT RUN	100	2	98	10
	ARSENIC	UG/L	16	NOT RUN	100	27	140	11
	CADMIUM	UG/L	11	NOT RUN	100	11	420	29
	CHROMIUM	UG/L	174	NOT RUN	100	58	24000	1300
	COPPER	UG/L	174	NOT RUN	100	68	43200	1800
	CYANIDE	UG/L	519	NOT RUN	100	351	121000	242
	LEAD	UG/L	209	NOT RUN	100	201	11000	720
	MERCURY	NG/L	2000	NOT RUN	100	1000	390000	13000
	NICKEL	UG/L	57	NOT RUN	100	61	3400	L 150
	SELENIUM	UG/L	4	NOT RUN	100	2	84	d
	SILVER	UG/L	25	NOT RUN	100	7	50	220
	ZINC	UG/L	257	NOT RUN	100	67	34700	1300

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N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 11

SAMPLE DATE ENDING 79/09/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L	993	NOT RUN	100	367	NOT RUN	NOT RUN
	BARIUM	UG/L	190	NOT RUN	100	55	NOT RUN	NOT RUN
	BORON	UG/L	256	NOT RUN	100	308	NOT RUN	NOT RUN
	CALCIUM	MG/L	95	NOT RUN	100	89	NOT RUN	NOT RUN
	COBALT	UG/L	208	NOT RUN	100	276	NOT RUN	NOT RUN
	IRON	UG/L	983	NOT RUN	100	217	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	38	NOT RUN	100	38	NOT RUN	NOT RUN
	MANGANESE	UG/L	57	NOT RUN	100	47	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	128	NOT RUN	100	154	NOT RUN	NOT RUN
	SODIUM	MG/L	207	NOT RUN	100	211	NOT RUN	NOT RUN
	TIN	UG/L	120	NOT RUN	100	115	NOT RUN	NOT RUN
	TITANIUM	UG/L	21	NOT RUN	100	10	NOT RUN	NOT RUN
	VANADIUM	UG/L	15	NOT RUN	100	17	NOT RUN	NOT RUN
	YTTRIUM	UG/L	4	NOT RUN	100	5	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/07
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
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DAILY ANALYTICAL RESULTS

PLANT 11

SAMPLE DATE ENDING 79/09/08 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	106	NOT RUN	100	23	5984	323
	TOTAL SUSP. SOLIDS	MG/L	160	NOT RUN	100	14	NOT RUN	1075
	OIL & GREASE	MG/L	265	NOT RUN	100	25	585	45
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	330					
	TOTAL SOLIDS	MG/L	1367	NOT RUN	100	300	360	12
	TOTAL DISS. SOLIDS	MG/L	1254	NOT RUN	100	1135	38887	2008
	TOTAL VOLATILE SOLIDS	MG/L	269	NOT RUN	100	1087	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	15	NOT RUN	100	195	29476	820
	TOC	MG/L	64	NOT RUN	100	14	42	19
VOLATILES	BENZENE					32	12350	600
	CARBON TETRACHLORIDE	UG/L	30	1	97	L 5	694	4
	CHLOROBENZENE	UG/L	L 5	8	-	L 5	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	L 5	L 5	-	L 5	290	N-D
	1,1-DICHLOROETHANE	UG/L	290	20	93	20	N-D	N-D
	CHLOROETHANE	UG/L	10	L 5	50	L 5	499	356
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 5	L 5	-	L 5	1090	N-D
	ETHYLBENZENE	UG/L	L 5	L 5	-	L 5	128	N-D
	METHYLENE CHLORIDE	UG/L	7	1	86	L 5	256	N-D
	TETRACHLOROETHYLENE	UG/L	170	50	71	30	3308	132
	TOLUENE	UG/L	70	4	94	4	4	N-D
	TRICHLOROETHYLENE	UG/L	40	1	97	L 5	952	2
		UG/L	70	2	97	4	10	4
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	5	L 25	-	L 25	N-D	N-D
	PHENOL	UG/L	20	L 30	-	L 30	208	N-D
BASE-NEUTRALS	NAPHTHALENE	UG/L	3	L 10	-	L 10	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	80	90	-	100	4600	510
	BUTYL BENZYL PHTHALATE	UG/L	L 10	L 10	-	L 10	310	N-D
	DI-N-BUTYL PHTHALATE	UG/L	5	2	60	L 10	160	N-D
	ANTHRACENE	UG/L	10	L 10	-	L 10	N-D	N-D
	PHENANTHRENE	UG/L	10	L 10	-	L 10	N-D	N-D
PESTICIDES	ALDRIN	NG/L	L 1000	4000	-	L 1000	N-D	N-D
METALS	ANTIMONY	UG/L	1	NOT RUN	100	6	110	6
	ARSENIC	UG/L	36	NOT RUN	100	22	170	13
	CADMIUM	UG/L	6	NOT RUN	100	5	630	27
	CHROMIUM	UG/L	124	NOT RUN	100	43	35800	830
	COPPER	UG/L	426	NOT RUN	100	41	54300	1100
	CYANIDE	UG/L	602	NOT RUN	100	329	238000	1060
	LEAD	UG/L	126	NOT RUN	100	80	3300	870
	MERCURY	NG/L	L 1000	NOT RUN	-	L 1000	650000	11000
	NICKEL	UG/L	41	NOT RUN	100	33	5000	L 150
	SELENIUM	UG/L	3	NOT RUN	100	3	94	8
	SILVER	UG/L	16	NOT RUN	100	6	60	130
	ZINC	UG/L	161	NOT RUN	100	259	53600	930
NON-CONV. METALS	ALUMINUM	UG/L	668	NOT RUN	100	261	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/08
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 11

SAMPLE DATE ENDING 79/09/08 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	BARIUM	UG/L	189	NOT RUN	100	55	NOT RUN	NOT RUN
	BORON	UG/L	160	NOT RUN	100	161	NOT RUN	NOT RUN
	CALCIUM	MG/L	84	NOT RUN	100	75	NOT RUN	NOT RUN
	IRON	UG/L	755	NOT RUN	100	210	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	36	NOT RUN	100	33	NOT RUN	NOT RUN
	MANGANESE	UG/L	49	NOT RUN	100	39	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	L 36	NOT RUN	-	43	NOT RUN	NOT RUN
	SODIUM	MG/L	206	NOT RUN	100	192	NOT RUN	NOT RUN
	TIN	UG/L	91	NOT RUN	100	68	NOT RUN	NOT RUN
	TITANIUM	UG/L	9	NOT RUN	100	2	NOT RUN	NOT RUN
	VANADIUM	UG/L	5	NOT RUN	100	3	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/08
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DAILY ANALYTICAL RESULTS

PLANT 11

SAMPLE DATE ENDING 79/09/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	66	NOT RUN	100	31	3764	281
	TOTAL SUSP. SOLIDS	MG/L	215	NOT RUN	100	16	NOT RUN	1350
	OIL & GREASE	MG/L	41	NOT RUN	100	1	1028	44
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	210	NOT RUN	100	26	210	17
	TOTAL SOLIDS	MG/L	1305	NOT RUN	100	1193	41916	2083
	TOTAL DISS. SOLIDS	MG/L	1142	NOT RUN	100	1133	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	281	NOT RUN	100	172	33960	862
	AMMONIA NITROGEN	MG/L	15	NOT RUN	100	6	42	15
	TOC	MG/L	66	NOT RUN	100	42	9900	369
VOLATILES	BENZENE	UG/L	30	1	97	L 5	557	3
	CARBON TETRACHLORIDE	UG/L	L 5	3	-	L 5	N-D	N-D
	CHLOROBENZENE	UG/L	L 5	L 5	-	L 5	N-D	28
	1,1,1-TRICHLOROETHANE	UG/L	60	2	97	3	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	1	L 5	-	L 5	170	3
	CHLOROETHANE	UG/L	L 5	L 5	-	L 5	1287	N-D
	CHLOROFORM	UG/L	3	2	33	1	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	5	L 5	-	L 5	596	99
	ETHYLBENZENE	UG/L	5	L 5	-	L 5	218	54
	METHYLENE CHLORIDE	UG/L	30	9	70	5	1284	56
	TETRACHLOROETHYLENE	UG/L	10	3	70	3	N-D	1
	TOLUENE	UG/L	30	3	90	L 5	690	20
	TRICHLOROETHYLENE	UG/L	80	1	99	1	4	N-D
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	3	L 25	-	L 25	N-D	N-D
	PHENOL	UG/L	10	L 30	-	L 30	N-D	N-D
BASE-NEUTRALS	HEXACHLOROBENZENE	UG/L	L 10	L 10	-	10	N-D	N-D
	NAPHTHALENE	UG/L	1	L 10	-	L 10	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	30	80	-	80	3300	474
	DI-N-BUTYL PHTHALATE	UG/L	1	L 10	-	L 10	N-D	N-D
	DIETHYL PHTHALATE	UG/L	1	L 10	-	L 10	N-D	N-D
	ANTHRACENE	UG/L	3	L 10	-	L 10	N-D	N-D
	PHENANTHRENE	UG/L	3	L 10	-	L 10	N-D	N-D
PESTICIDES	ALDRIN	NG/L	L 1000	L 1000	-	5000	N-D	N-D
	GAMMA-BHC	NG/L	L 1000	1000	-	L 1000	N-D	N-D
METALS	ANTIMONY	UG/L	1	NOT RUN	100	2	86	4
	ARSENIC	UG/L	34	NOT RUN	100	51	180	10
	CADMIUM	UG/L	7	NOT RUN	100	5	480	29
	CHROMIUM	UG/L	135	NOT RUN	100	34	33800	1100
	COPPER	UG/L	238	NOT RUN	100	74	75000	2000
	CYANIDE	UG/L	576	NOT RUN	100	340	204000	280
	LEAD	UG/L	130	NOT RUN	100	92	6200	700
	MERCURY	NG/L	L 1000	NOT RUN	-	L 1000	230000	6000
	NICKEL	UG/L	42	NOT RUN	100	34	4100	L 150
	SELENIUM	UG/L	5	NOT RUN	100	3	130	11
	SILVER	UG/L	8	NOT RUN	100	3	50	150

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/09
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 11

SAMPLE DATE ENDING 79/09/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	ZINC	UG/L	138	NOT RUN	100	45	44200	1400
NON-CONV. METALS	ALUMINUM	UG/L	691	NOT RUN	100	267	NOT RUN	NOT RUN
	BARIUM	UG/L	133	NOT RUN	100	53	NOT RUN	NOT RUN
	BORON	UG/L	107	NOT RUN	100	183	NOT RUN	NOT RUN
	CALCIUM	MG/L	80	NOT RUN	100	74	NOT RUN	NOT RUN
	COBALT	UG/L	79	NOT RUN	100	81	NOT RUN	NOT RUN
	IRON	UG/L	588	NOT RUN	100	161	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	35	NOT RUN	100	35	NOT RUN	NOT RUN
	MANGANESE	UG/L	43	NOT RUN	100	31	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	70	NOT RUN	100	62	NOT RUN	NOT RUN
	SODIUM	MG/L	207	NOT RUN	100	201	NOT RUN	NOT RUN
	TIN	UG/L	98	NOT RUN	100	67	NOT RUN	NOT RUN
	TITANIUM	UG/L	10	NOT RUN	100	3	NOT RUN	NOT RUN
	VANADIUM	UG/L	8	NOT RUN	100	6	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/09
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 11

SAMPLE DATE ENDING 79/09/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	TOTAL SUSP. SOLIDS	MG/L	210	NOT RUN	100	14	NOT RUN	875
	OIL & GREASE	MG/L	27	NOT RUN	100	6	368	3
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	270	NOT RUN	100	7	380	32
	TOTAL SOLIDS	MG/L	1283	NOT RUN	100	1186	22731	1876
	TOTAL DISS. SOLIDS	MG/L	866	NOT RUN	100	1093	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	268	NOT RUN	100	215	16752	677
	AMMONIA NITROGEN	MG/L	20	NOT RUN	100	9	40	13
	TOC	MG/L	72	NOT RUN	100	18	10950	441
VOLATILES	BENZENE	UG/L	60	1	98	1	557	3
	1,1,1-TRICHLOROETHANE	UG/L	340	20	94	30	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	7	L 5	29	L 5	356	2
	CHLOROETHANE	UG/L	L 5	L 5	-	L 5	571	N-D
	CHLOROFORM	UG/L	10	L 5	50	2	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	7	1	86	1	700	N-D
	ETHYLBENZENE	UG/L	20	1	95	5	198	N-D
	METHYLENE CHLORIDE	UG/L	140	20	86	30	1481	7
	DICHLOROBROMOMETHANE	UG/L	L 5	1	-	L 5	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	50	6	88	7	5	1
	TOLUENE	UG/L	80	2	97	8	818	1
	TRICHLOROETHYLENE	UG/L	50	2	96	2	8	5
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	2	L 25	-	L 25	N-D	N-D
	PHENOL	UG/L	20	L 30	-	L 30	N-D	N-D
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	140	100	29	120	3100	460
	DI-N-BUTYL PHTHALATE	UG/L	3	4	-	3	N-D	N-D
	ANTHRACENE	UG/L	7	L 10	-	L 10	980	N-D
	PHENANTHRENE	UG/L	7	L 10	-	L 10	980	N-D
PESTICIDES	ALDRIN	NG/L	L 1000	4000	-	2000	N-D	N-D
METALS	ANTIMONY	UG/L	1	NOT RUN	100	1	74	3
	ARSENIC	UG/L	23	NOT RUN	100	68	250	12
	CADMIUM	UG/L	7	NOT RUN	100	6	490	21
	CHROMIUM	UG/L	107	NOT RUN	100	55	34300	2000
	COPPER	UG/L	166	NOT RUN	100	47	43100	1400
	CYANIDE	UG/L	1460	NOT RUN	100	236	137000	338
	LEAD	UG/L	129	NOT RUN	100	94	4300	450
	MERCURY	NG/L	L 1000	NOT RUN	-	L 1000	330000	19000
	NICKEL	UG/L	56	NOT RUN	100	39	4200	L 150
	SELENIUM	UG/L	3	NOT RUN	100	4	52	7
	SILVER	UG/L	28	NOT RUN	100	9	30	140
	ZINC	UG/L	240	NOT RUN	100	70	41000	930
NON-CONV. METALS	ALUMINUM	UG/L	787	NOT RUN	100	262	NOT RUN	NOT RUN
	BARIUM	UG/L	206	NOT RUN	100	47	NOT RUN	NOT RUN
	BORON	UG/L	307	NOT RUN	100	200	NOT RUN	NOT RUN
	CALCIUM	MG/L	76	NOT RUN	100	70	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/11
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 11

SAMPLE DATE ENDING 79/09/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	COBALT	UG/L	95	NOT RUN	100	144	NOT RUN	NOT RUN
	IRON	UG/L	978	NOT RUN	100	221	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	34	NOT RUN	100	34	NOT RUN	NOT RUN
	MANGANESE	UG/L	49	NOT RUN	100	36	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	66	NOT RUN	100	75	NOT RUN	NOT RUN
	SODIUM	MG/L	196	NOT RUN	100	201	NOT RUN	NOT RUN
	TIN	UG/L	84	NOT RUN	100	70	NOT RUN	NOT RUN
	TITANIUM	UG/L	11	NOT RUN	100	4	NOT RUN	NOT RUN
	VANADIUM	UG/L	7	NOT RUN	100	7	NOT RUN	NOT RUN
	YTTRIUM	UG/L	L 4	NOT RUN	-	124	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/11
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DAILY ANALYTICAL RESULTS

PLANT 12

SAMPLE DATE ENDING 79/09/25 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	92	5	95	74	1596	2202
	TOTAL SUSP. SOLIDS	MG/L	207	11	95	104	7300	NOT RUN
	COD	MG/L	320	160	50	264	6400	17600
	OIL & GREASE	MG/L	53	6	89	42	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	210	118	44	87	225	87
	TOTAL SOLIDS	MG/L	1031	821	20	923	7082	7546
	TOTAL DISS. SOLIDS	MG/L	800	776	3	828	5333	NOT RUN
	SETTLEABLE SOLIDS	ML/L	8	1	88	1	25	325
	TOTAL VOLATILE SOLIDS	MG/L	272	246	10	242	4807	5392
	VOLATILE DISS. SOLIDS	MG/L	300	253	16	243	2533	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	63	2	97	54	4600	NOT RUN
	AMMONIA NITROGEN	MG/L	19	10	47	18	33	24
	TOC	MG/L	58	11	81	40	600	1350
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	1	1
	CARBON TETRACHLORIDE	UG/L	L 1	L 1	-	3	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	82	8	90	25	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	1	N-D	N-D
	CHLOROETHANE	UG/L	5	L 10	-	L 10	N-D	N-D
	CHLOROFORM	UG/L	5	1	80	2	N-D	1
	1,2-TRANS-DICHLOROETHYLENE	UG/L	10	L 1	90	L 1	415	2
	ETHYLBENZENE	UG/L	21	L 1	95	9	29	N-D
	METHYLENE CHLORIDE	UG/L	53	17	68	46	2	15
	TRICHLOROFLUOROMETHANE	UG/L	L 1	L 1	-	L 1	16	7
	TETRACHLOROETHYLENE	UG/L	25	2	92	9	N-D	N-D
	TOLUENE	UG/L	24	3	88	21	171	3110
	TRICHLOROETHYLENE	UG/L	130	22	83	110	N-D	N-D
	VINYL CHLORIDE	UG/L	L 10	L 10	-	L 10	12	436
ACID EXTRACT	2-CHLOROPHENOL	UG/L	1	L 1	-	L 1	N-D	N-D
	PHENOL	UG/L	4	L 1	75	2	N-D	N-D
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	L 3	8	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	30	12	60	27	220	820
	BUTYL BENZYL PHTHALATE	UG/L	L 5	L 5	-	L 5	66	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 6	L 6	-	L 6	26	41
	ANTHRACENE	UG/L	L 3	L 3	-	L 3	25	N-D
	PHENANTHRENE	UG/L	L 3	L 3	-	L 3	25	N-D
	PYRENE	UG/L	L 3	L 3	-	L 3	14	33
PESTICIDES	ALPHA-BHC	NG/L	50	28	44	55	N-D	N-D
METALS	ANTIMONY	UG/L	116	L 50	57	915	1100	980
	ARSENIC	UG/L	L 50	L 50	-	879	9	12
	BERYLLIUM	UG/L	L 2	L 2	-	919	L 6	L 6
	CADMIUM	UG/L	172	14	92	938	1400	4400
	CHROMIUM	UG/L	527	48	91	1180	5700	16000
	COPPER	UG/L	1010	129	87	1430	9600	24000
	CYANIDE	UG/L	503	407	19	187	5030	2560

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/25
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 12

SAMPLE DATE ENDING 79/09/25 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	LEAD	UG/L	56	22	61	869	730	2400
	MERCURY	MG/L	400	L 200	50	2100	18000	22000
	NICKEL	UG/L	150	147	2	926	810	1800
	SELENIUM	UG/L	L 50	L 50	-	806	14	44
	SILVER	UG/L	7	L 2	71	4	160	220
	THALLIUM	UG/L	L 100	L 100	-	802	L 10	L 10
	ZINC	UG/L	1500	384	74	1660	16000	53000
NON-CONV. METALS	ALUMINUM	UG/L	382	41	89	1060	NOT RUN	NOT RUN
	BARIUM	UG/L	241	97	60	1020	NOT RUN	NOT RUN
	CALCIUM	MG/L	88	77	13	79	NOT RUN	NOT RUN
	IRON	UG/L	3060	247	92	2580	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	33	33	-	32	NOT RUN	NOT RUN
	MANGANESE	UG/L	116	75	35	940	NOT RUN	NOT RUN
	SODIUM	MG/L	156	144	8	143	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/25
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 12

SAMPLE DATE ENDING 79/09/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	109	7	94	89	829	3263
	TOTAL SUSP. SOLIDS	MG/L	288	12	96	98	2800	NOT RUN
	COD	MG/L	280	108	61	336	3680	10400
	OIL & GREASE	MG/L	42	8	81	33	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	118	87	26	148	295	283
	TOTAL SOLIDS	MG/L	1116	841	25	961	3764	10908
	TOTAL DISS. SOLIDS	MG/L	820	809	1	850	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	7	1	86	1	60	350
	TOTAL VOLATILE SOLIDS	MG/L	328	251	23	213	2614	7741
	VOLATILE DISS. SOLIDS	MG/L	300	236	21	220	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	215	9	96	72	2000	NOT RUN
	AMMONIA NITROGEN	MG/L	18	12	33	16	30	27
	TOC	MG/L	50	12	76	51	300	1500
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	1	N-D
	CHLOROBENZENE	UG/L	L 1	L 1	-	L 1	4	N-D
	1,2-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	1	N-D
	1,1,1-TRICHLOROETHANE	UG/L	27	7	74	35	1	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	16	N-D
	CHLOROETHANE	UG/L	L 10	L 10	-	L 10	5	N-D
	CHLOROFORM	UG/L	3	1	67	3	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	205	1
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	L 1	1	N-D
	ETHYLBENZENE	UG/L	15	L 1	93	7	15	N-D
	METHYLENE CHLORIDE	UG/L	80	24	70	69	3	N-D
	TRICHLOROFLUOROMETHANE	UG/L	L 1	L 1	-	L 1	2	N-D
	DICHLORODIFLUOROMETHANE	UG/L	L 10	L 10	-	L 10	8	N-D
	TETRACHLOROETHYLENE	UG/L	50	5	90	31	N-D	N-D
	TOLUENE	UG/L	41	2	95	33	26	14600
	TRICHLOROETHYLENE	UG/L	70	16	77	79	1	N-D
	VINYL CHLORIDE	UG/L	L 10	L 10	-	L 10	8	198
ACID EXTRACT	PHENOL	UG/L	5	L 1	80	9	N-D	N-D
BASE-NEUTRALS	1,2-DIPHENYLHYDRAZINE	UG/L	10	L 10	-	L 10	N-D	N-D
	ISOPHORONE	UG/L	L 16	L 16	-	19	N-D	N-D
	NAPHTHALENE	UG/L	2	L 2	-	L 2	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	15	8	47	35	340	1060
	DI-N-BUTYL PHTHALATE	UG/L	L 6	L 6	-	L 6	45	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	L 3	74	N-D
	PHENANTHRENE	UG/L	L 3	L 3	-	L 3	74	N-D
PESTICIDES	ALPHA-BHC	NG/L	130	L 10	92	140	N-D	N-D
	GAMMA-BHC	NG/L	L 20	64	-	L 20	N-D	N-D
METALS	ANTIMONY	UG/L	133	53	60	91	720	1100
	ARSENIC	UG/L	L 50	L 50	-	L 50	12	25
	CADMIUM	UG/L	167	15	91	107	1500	6530
	CHROMIUM	UG/L	438	51	88	321	4300	17900

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/26
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 12

SAMPLE DATE ENDING 79/09/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	COPPER	UG/L	1060	86	92	633	9600	27300
	CYANIDE	UG/L	978	428	56	214	2560	3580
	LEAD	UG/L	64	L 20	69	40	940	L 1600
	MERCURY	NG/L	500	L 200	60	300	8000	10000
	NICKEL	UG/L	225	149	34	195	960	960
	SELENIUM	UG/L	L 50	L 50	-	L 50	13	13
	SILVER	UG/L	5	L 2	60	3	110	110
	ZINC	UG/L	1590	226	86	1040	17000	49800
NON-CONV. METALS	ALUMINUM	UG/L	378	27	93	165	NOT RUN	NOT RUN
	BARIUM	UG/L	234	88	62	157	NOT RUN	NOT RUN
	CALCIUM	MG/L	86	79	8	80	NOT RUN	NOT RUN
	IRON	UG/L	3140	268	91	1720	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	32	33	-	32	NOT RUN	NOT RUN
	MANGANESE	UG/L	112	78	30	94	NOT RUN	NOT RUN
	SODIUM	MG/L	140	144	-	135	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/26
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D.=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 12

SAMPLE DATE ENDING 79/09/27 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	99	15	85	70	1024	3069
	TOTAL SUSP. SOLIDS	MG/L	145	15	90	76	4150	10300
	COD	MG/L	416	96	77	144	4480	11040
	OIL & GREASE	MG/L	57	11	81	46	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	301	112	63	2744	350	454
	TOTAL SOLIDS	MG/L	991	842	15	947	4097	11465
	TOTAL DISS. SOLIDS	MG/L	740	839	-	860	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	6	T 1	83	1	45	315
	TOTAL VOLATILE SOLIDS	MG/L	301	160	47	265	2599	8197
	VOLATILE DISS. SOLIDS	MG/L	91	137	-	208	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	100	9	91	40	3050	7450
	AMMONIA NITROGEN	MG/L	19	12	37	17	32	28
	TOC	MG/L	73	18	75	50	600	1300
VOLATILES	BENZENE	UG/L	L 1	L 1	-	NOT RUN	8	1
	1,2-DICHLOROETHANE	UG/L	L 1	L 1	-	NOT RUN	1	N-D
	1,1,1-TRICHLOROETHANE	UG/L	55	3	95	NOT RUN	1	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	NOT RUN	47	1
	CHLOROETHANE	UG/L	L 10	L 10	-	NOT RUN	39	N-D
	CHLOROFORM	UG/L	3	1	67	NOT RUN	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	NOT RUN	304	N-D
	ETHYLBENZENE	UG/L	13	L 1	92	NOT RUN	52	N-D
	METHYLENE CHLORIDE	UG/L	62	27	56	NOT RUN	7	N-D
	TRICHLOROFLUOROMETHANE	UG/L	L 1	L 1	-	NOT RUN	2	N-D
	DICHLORODIFLUOROMETHANE	UG/L	L 10	L 10	-	NOT RUN	7	N-D
	TETRACHLOROETHYLENE	UG/L	36	10	72	NOT RUN	N-D	N-D
	TOLUENE	UG/L	26	L 1	96	NOT RUN	100	16300
	TRICHLOROETHYLENE	UG/L	L 1	10	-	NOT RUN	N-D	N-D
	VINYL CHLORIDE	UG/L	L 10	L 10	-	NOT RUN	18	206
ACID EXTRACT	2-CHLOROPHENOL	UG/L	1	L 1	-	L 1	N-D	N-D
	PHENOL	UG/L	3	L 1	67	5	N-D	N-D
BASE-NEUTRALS	NAPHTHALENE	UG/L	2	L 2	-	2	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	21	5	76	20	270	1300
	1,2-BENZANTHRACENE	UG/L	L 3	L 3	-	L 3	N-D	20
	CHRYSENE	UG/L	L 3	L 3	-	L 3	N-D	20
	ANTHRACENE	UG/L	L 3	L 3	-	L 3	N-D	30
	PHENANTHRENE	UG/L	L 3	L 3	-	L 3	N-D	30
	PYRENE	UG/L	L 3	L 3	-	L 3	N-D	40
PESTICIDES	GAMMA-BHC	NG/L	L 20	50	-	114	N-D	N-D
METALS	ANTIMONY	UG/L	192	L 50	74	90	1200	1200
	ARSENIC	UG/L	L 50	L 50	-	L 50	11	24
	CADMIUM	UG/L	161	15	91	110	710	10000
	CHROMIUM	UG/L	434	49	89	410	2600	28800
	COPPER	UG/L	1190	80	93	647	5300	43300
	CYANIDE	UG/L	708	445	37	176	2800	3880

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/27

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 12

SAMPLE DATE ENDING 79/09/27 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	LEAD	UG/L	93	L 20	78	37	1200	2400
	MERCURY	NG/L	300	L 200	33	200	8000	17000
	NICKEL	UG/L	190	113	41	154	580	3500
	SELENIUM	UG/L	L 50	L 50	-	L 50	13	38
	SILVER	UG/L	5	L 2	60	L 2	64	30
	THALLIUM	UG/L	L 100	L 100	-	L 100	27	27
	ZINC	UG/L	1930	233	88	1050	11000	11000
NON-CONV. METALS	ALUMINUM	UG/L	367	L 20	95	152	NOT RUN	NOT RUN
	BARIUM	UG/L	238	86	64	168	NOT RUN	NOT RUN
	CALCIUM	MG/L	84	77	8	83	NOT RUN	NOT RUN
	IRON	UG/L	3120	233	93	1610	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	32	31	3	33	NOT RUN	NOT RUN
	MANGANESE	UG/L	121	82	32	107	NOT RUN	NOT RUN
	SODIUM	MG/L	137	138	-	154	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/27
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D-NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 12

SAMPLE DATE ENDING 79/09/28 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	133	13	90	91	698	2140
	TOTAL SUSP. SOLIDS	MG/L	135	14	90	72	2950	7250
	COD	MG/L	368	92	75	352	4640	10400
	OIL & GREASE	MG/L	36	11	69	21	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	576	362	37	393	576	594
	TOTAL SOLIDS	MG/L	1075	839	22	945	3494	7965
	TOTAL DISS. SOLIDS	MG/L	829	841	-	860	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	5	L 1	80	T 1	120	575
	TOTAL VOLATILE SOLIDS	MG/L	339	180	47	236	2531	5655
	VOLATILE DISS. SOLIDS	MG/L	77	134	-	190	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	93	11	88	56	2450	5750
	AMMONIA NITROGEN	MG/L	16	14	13	17	30	20
	TOC	MG/L	23	21	9	18	500	1800
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	1	1
	CHLOROBENZENE	UG/L	L 1	L 1	-	L 1	N-D	1
	1,1,1-TRICHLOROETHANE	UG/L	190	24	87	41	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	1	8	N-D
	CHLOROFORM	UG/L	1	1	-	2	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	139	N-D
	ETHYLBENZENE	UG/L	6	L 1	83	3	U 0	N-D
	METHYLENE CHLORIDE	UG/L	12	27	-	88	2	N-D
	TRICHLOROFLUOROMETHANE	UG/L	L 1	L 1	-	L 1	2	N-D
	TETRACHLOROETHYLENE	UG/L	33	19	42	190	N-D	N-D
	TOLUENE	UG/L	7	32	-	58	129	16600
	TRICHLOROETHYLENE	UG/L	280	76	73	53	N-D	N-D
	VINYL CHLORIDE	UG/L	L 10	L 10	-	L 10	8	429
ACID EXTRACT	PHENOL	UG/L	5	L 1	80	3	N-D	N-D
BASE-NEUTRALS	NAPHTHALENE	UG/L	5	L 2	60	4	50	36
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	27	19	30	11	420	950
	DIETHYL PHTHALATE	UG/L	L 6	L 6	-	L 6	N-D	170
	1,2-BENZANTHRACENE	UG/L	L 3	L 3	-	L 3	N-D	36
	CHRYSENE	UG/L	L 3	L 3	-	L 3	N-D	36
	ANTHRACENE	UG/L	L 3	L 3	-	5	120	N-D
	PHENANTHRENE	UG/L	L 3	L 3	-	5	120	N-D
	PYRENE	UG/L	L 3	L 3	-	L 3	30	89
PESTICIDES	GAMMA-BHC	NG/L	140	20	86	50	N-D	N-D
METALS	ANTIMONY	UG/L	190	62	67	124	1400	1700
	ARSENIC	UG/L	L 50	L 50	-	L 50	8	10
	CADMIUM	UG/L	158	13	92	105	590	11500
	CHROMIUM	UG/L	472	49	90	325	2900	33800
	COPPER	UG/L	1000	75	92	606	6300	52400
	CYANIDE	UG/L	814	294	64	164	2560	3420
	LEAD	UG/L	44	L 20	55	39	1500	2600
	MERCURY	NG/L	700	L 200	71	300	8000	16000

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/28
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 12

SAMPLE DATE ENDING 79/09/28 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	NICKEL	UG/L	177	113	36	157	680	4100
	SELENIUM	UG/L	L 50	L 50	-	L 50	20	62
	SILVER	UG/L	3	L 2	33	3	72	380
	THALLIUM	UG/L	L 100	L 100	-	L 100	25	30
	ZINC	UG/L	1730	239	86	1080	12000	91700
NON-CONV. METALS	ALUMINUM	UG/L	357	L 20	94	148	NOT RUN	NOT RUN
	BARIUM	UG/L	223	86	61	155	NOT RUN	NOT RUN
	CALCIUM	MG/L	86	76	12	82	NOT RUN	NOT RUN
	IRON	UG/L	3040	261	91	1590	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	33	32	3	33	NOT RUN	NOT RUN
	MANGANESE	UG/L	118	81	31	96	NOT RUN	NOT RUN
	SODIUM	MG/L	159	141	11	152	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/28
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 12

SAMPLE DATE ENDING 79/09/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	100	9	91	70	1039	2138
	TOTAL SUSP. SOLIDS	MG/L	120	8	93	70	4900	9500
	COD	MG/L	432	84	81	240	6080	12320
	OIL & GREASE	MG/L	40	9	77	22	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	289	100	65	118	319	332
	TOTAL SOLIDS	MG/L	1135	868	24	995	5727	9749
	TOTAL DISS. SOLIDS	MG/L	NOT RUN	800	-	858	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	8	L 1	88	1	85	860
	TOTAL VOLATILE SOLIDS	MG/L	300	143	52	209	3715	6775
	VOLATILE DISS. SOLIDS	MG/L	NOT RUN	NOT RUN	-	198	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	68	5	93	46	3150	2000
	AMMONIA NITROGEN	MG/L	15	14	7	16	31	22
	TOC	MG/L	88	21	76	65	700	2050
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	1	1
	CHLOROBENZENE	UG/L	L 1	L 1	-	L 1	2	1
	1,1,1-TRICHLOROETHANE	UG/L	17	14	18	56	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	2	30	N-D
	1,1,2-TRICHLOROETHANE	UG/L	L 1	L 1	-	L 1	1	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	N-D	2
	CHLOROFORM	UG/L	5	1	80	3	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	326	N-D
	ETHYLBENZENE	UG/L	4	L 1	75	3	27	N-D
	METHYLENE CHLORIDE	UG/L	20	25	-	61	14	N-D
	METHYL CHLORIDE	UG/L	L 10	L 10	-	L 10	12	N-D
	TRICHLOROFLUOROMETHANE	UG/L	L 1	L 1	-	L 1	6	N-D
	TETRACHLOROETHYLENE	UG/L	34	7	79	36	N-D	N-D
	TOLUENE	UG/L	35	6	83	62	142	18400
	TRICHLOROETHYLENE	UG/L	94	32	66	130	N-D	N-D
	VINYL CHLORIDE	UG/L	L 10	L 10	-	L 10	35	202
ACID EXTRACT	PHENOL	UG/L	5	L 1	80	5	N-D	2400
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	L 3	18	20
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	7	4	43	18	450	860
	DIETHYL PHTHALATE	UG/L	L 6	L 6	-	L 6	27	42
	1,2-BENZANTHRACENE	UG/L	L 3	L 3	-	L 3	N-D	19
	CHRYSENE	UG/L	L 3	L 3	-	L 3	N-D	19
	PYRENE	UG/L	L 3	L 3	-	L 3	24	35
PESTICIDES	GAMMA-BHC	NG/L	40	30	25	30	N-D	N-D
METALS	ANTIMONY	UG/L	171	69	60	112	1800	1600
	ARSENIC	UG/L	L 50	L 50	-	L 50	16	21
	CADMIUM	UG/L	177	16	91	111	760	11500
	CHROMIUM	UG/L	423	51	88	275	2200	34200
	COPPER	UG/L	900	83	91	539	3900	54100
	CYANIDE	UG/L	1300	353	73	183	2550	2680
	LEAD	UG/L	56	L 20	64	29	1500	2300

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/29
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 12

SAMPLE DATE ENDING 79/09/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	MERCURY	NG/L	800.	L 200	75	L 200	L 8000	26000
	NICKEL	UG/L	171	117	32	138	780	4000
	SELENIUM	UG/L	L 50	L 50	-	L 50	38	42
	SILVER	UG/L	5	L 2	60	L 2	43	110
	THALLIUM	UG/L	L 100	L 100	-	L 100	28	31
	ZINC	UG/L	1800	234	87	1000	10000	94200
NON-CONV. METALS	ALUMINUM	UG/L	355	148	58	128	NOT RUN	NOT RUN
	BARIUM	UG/L	216	93	57	148	NOT RUN	NOT RUN
	CALCIUM	MG/L	84	74	12	79	NOT RUN	NOT RUN
	IRON	UG/L	2890	300	90	1330	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	32	31	3	32	NOT RUN	NOT RUN
	MANGANESE	UG/L	109	71	35	83	NOT RUN	NOT RUN
	SODIUM	MG/L	146	141	3	146	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/29
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 12

SAMPLE DATE ENDING 79/09/30 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	95	8	92	53	570	2563
	TOTAL SUSP. SOLIDS	MG/L	175	24	86	122	NOT RUN	NOT RUN
	COD	MG/L	416	104	75	208	3360	11680
	OIL & GREASE	MG/L	46	8	83	32	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	191	484	-	289	NOT RUN	405
	TOTAL SOLIDS	MG/L	984	798	19	866	2437	6627
	TOTAL DISS. SOLIDS	MG/L	960	810	16	805	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	11	L 1	91	L 1	70	700
	TOTAL VOLATILE SOLIDS	MG/L	366	206	44	232	1499	4606
	VOLATILE DISS. SOLIDS	MG/L	NOT RUN	159	-	210	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	L 55	17	-	98	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	21	13	38	17	32	22
	TOC	MG/L	63	20	68	55	350	2100
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	1	1
	CHLOROBENZENE	UG/L	L 1	L 1	-	L 1	N-D	1
	1,2-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	1	N-D
	1,1,1-TRICHLOROETHANE	UG/L	10	3	70	13	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	1	39	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	N-D	3
	CHLOROFORM	UG/L	1	1	-	2	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	360	N-D
	ETHYLBENZENE	UG/L	3	L 1	67	2	23	N-D
	METHYLENE CHLORIDE	UG/L	17	12	29	28	39	N-D
	DICHLORODIFLUOROMETHANE	UG/L	L 10	L 10	-	L 10	19	N-D
	TETRACHLOROETHYLENE	UG/L	6	4	33	14	N-D	N-D
	TOLUENE	UG/L	5	L 1	80	8	110	18900
	TRICHLOROETHYLENE	UG/L	25	10	60	34	1	N-D
	VINYL CHLORIDE	UG/L	L 10	L 10	-	L 10	18	282
ACID EXTRACT	PHENOL	UG/L	7	L 1	86	L 1	N-D	N-D
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	L 3	N-D	22
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	17	9	47	15	850	800
	DI-N-BUTYL PHTHALATE	UG/L	L 6	L 6	-	L 6	26	N-D
	DIETHYL PHTHALATE	UG/L	L 6	L 6	-	L 6	34	70
	PYRENE	UG/L	L 3	L 3	-	L 3	N-D	34
PESTICIDES	GAMMA-BHC	NG/L	40	L 30	25	40	N-D	N-D
METALS	ANTIMONY	UG/L	68	65	4	264	460	1200
	ARSENIC	UG/L	L 50	L 50	-	L 50	7	20
	CADMIUM	UG/L	208	16	92	137	860	10700
	CHROMIUM	UG/L	189	38	80	127	1600	29400
	COPPER	UG/L	370	64	83	274	2400	45600
	CYANIDE	UG/L	1040	320	69	140	2140	4100
	LEAD	UG/L	35	L 20	43	98	250	1800
	MERCURY	NG/L	400	L 200	50	300	8000	12000
	NICKEL	UG/L	68	85	-	63	250	3300

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/30
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 12

SAMPLE DATE ENDING 79/09/30 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	SELENIUM	UG/L	L 50	L 50	-	L 50	6	44
	SILVER	UG/L	L 2	L 2	-	L 2	32	90
	THALLIUM	UG/L	L 100	L 100	-	L 100	19	18
	ZINC	UG/L	1140	288	75	771	6500	86200
NON-CONV. METALS	ALUMINUM	UG/L	356	L 20	94	320	NOT RUN	NOT RUN
	BARIUM	UG/L	310	114	63	328	NOT RUN	NOT RUN
	CALCIUM	MG/L	74	72	3	68	NOT RUN	NOT RUN
	IRON	UG/L	2080	235	89	1400	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	32	31	3	30	NOT RUN	NOT RUN
	MANGANESE	UG/L	80	72	10	166	NOT RUN	NOT RUN
	SODIUM	MG/L	130	134	-	125	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/09/30
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 13

SAMPLE DATE ENDING 79/10/03 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	69	9	87	7	4875	4883
	TOTAL SUSP. SOLIDS	MG/L	120	6	95	6	NOT RUN	NOT RUN
	COD	MG/L	256	104	59	72	79200	22400
	OIL & GREASE	MG/L	35	14	60	8	3500	433
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	179	118	34	87	1217	289
	TOTAL SOLIDS	MG/L	882	641	27	629	54110	29184
	TOTAL DISS. SOLIDS	MG/L	668	624	7	649	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	2	L 1	50	L 1	1000	900
	TOTAL VOLATILE SOLIDS	MG/L	227	34	85	94	25141	14803
	VOLATILE DISS. SOLIDS	MG/L	256	131	49	150	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	74	3	96	4	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	13	2	85	T 1	159	14
	TOC	MG/L	58	9	84	9	6800	3200
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	8	N-D
	1,1,1-TRICHLOROETHANE	UG/L	2	L 1	50	L 1	N-D	N-D
	CHLOROFORM	UG/L	9	L 1	89	6	N-D	N-D
	ETHYLBENZENE	UG/L	7	L 1	86	L 1	26	N-D
	METHYLENE CHLORIDE	UG/L	6	2	67	2	N-D	N-D
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	3	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	14	1	93	L 1	N-D	N-D
	TOLUENE	UG/L	18	L 1	94	L 1	11000	7600
	TRICHLOROETHYLENE	UG/L	7	L 1	86	L 1	N-D	N-D
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	7	3	57	3	N-D	N-D
	PHENOL	UG/L	L 1	L 1	-	L 1	1700	260
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	L 3	180	N-D
	NAPHTHALENE	UG/L	L 2	L 2	-	L 2	69	260
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	12	18	-	7	1800	970
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	L 3	320	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 2	2	-	3	106	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	L 3	180	N-D
	PHENANTHRENE	UG/L	L 3	L 3	-	L 3	180	N-D
	PYRENE	UG/L	L 3	L 3	-	L 3	205	N-D
PESTICIDES	GAMMA-BHC	NG/L	L 50	17	-	16	N-D	N-D
	PCB-1242	NG/L	35000	L 200	99	L 200	N-D	N-D
	PCB-1254	NG/L	3400	L 500	85	L 500	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	100	19
	ARSENIC	UG/L	L 50	L 50	-	L 50	410	130
	CADMIUM	UG/L	L 2	L 2	-	L 2	21	70
	CHROMIUM	UG/L	31	6	81	L 5	7900	2600
	COPPER	UG/L	158	30	81	40	20000	9500
	CYANIDE	UG/L	1700	263	85	794	80100	32600
	LEAD	UG/L	53	L 20	62	L 20	28000	4700
	MERCURY	NG/L	L 200	L 200	-	L 200	75000	15000
	NICKEL	UG/L	L 10	L 10	-	L 10	3900	960

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/10/03

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 13

SAMPLE DATE ENDING 79/10/03 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	SELENIUM	UG/L	L 50	L 50	-	L 50	78	43
	SILVER	UG/L	9	L 2	78	L 2	890	930
	THALLIUM	UG/L	L 100	L 100	-	L 100	15	14
	ZINC	UG/L	169	29	83	46	70000	33000
NON-CONV. METALS	ALUMINUM	UG/L	2870	186	94	159	NOT RUN	NOT RUN
	BARIUM	UG/L	130	29	78	27	NOT RUN	NOT RUN
	CALCIUM	MG/L	90	68	24	66	NOT RUN	NOT RUN
	IRON	UG/L	2080	115	94	144	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	35	28	20	27	NOT RUN	NOT RUN
	MANGANESE	UG/L	146	115	21	68	NOT RUN	NOT RUN
	SODIUM	MG/L	82	63	23	58	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/10/03
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 13

SAMPLE DATE ENDING 79/10/04 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	72	16	78	9	4558	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	120	NOT RUN	-	7	38000	38000
	COD	MG/L	256	44	83	36	46400	22400
	OIL & GREASE	MG/L	43	16	63	11	3750	633
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	252	87	65	57	1706	286
	TOTAL SOLIDS	MG/L	845	770	8	798	46924	26411
	TOTAL DISS. SOLIDS	MG/L	704	790	-	778	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	4	L 1	75	L 1	990	910
	TOTAL VOLATILE SOLIDS	MG/L	197	130	34	137	21414	12847
	VOLATILE DISS. SOLIDS	MG/L	224	129	42	185	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	107	NOT RUN	-	5	22500	NOT RUN
	AMMONIA NITROGEN	MG/L	15	1	93	1	171	13
	TOC	MG/L	50	9	82	8	8000	3600
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	2	2
	CHLOROFORM	UG/L	7	2	71	5	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	42	N-D
	ETHYLBENZENE	UG/L	1	L 1	-	L 1	26	N-D
	METHYLENE CHLORIDE	UG/L	2	L 3	-	L 3	36	42
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	2	N-D	N-D
	TRICHLOROFLUOROMETHANE	UG/L	L 1	L 1	-	L 1	N-D	34
	TETRACHLOROETHYLENE	UG/L	14	1	93	L 1	N-D	N-D
	TOLUENE	UG/L	6	L 1	83	L 1	7400	5900
	TRICHLOROETHYLENE	UG/L	7	L 1	86	L 1	N-D	N-D
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	11	L 3	73	3	N-D	N-D
	PHENOL	UG/L	2	1	50	1	415	370
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	7	9	-	21	3800	1700
	DI-N-BUTYL PHTHALATE	UG/L	4	3	25	2	N-D	62
	ANTHRACENE	UG/L	L 3	L 3	-	L 3	110	N-D
	FLUORENE	UG/L	L 3	L 3	-	L 3	40	N-D
	PHENANTHRENE	UG/L	L 3	L 3	-	L 3	110	N-D
	PYRENE	UG/L	L 3	L 3	-	L 3	72	N-D
PESTICIDES	GAMMA-BHC	NG/L	L 100	41	-	26	N-D	N-D
	PCB-1242	NG/L	36400	L 200	99	L 200	N-D	N-D
	PCB-1254	NG/L	5500	L 500	91	L 500	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	85	16
	ARSENIC	UG/L	L 50	L 50	-	L 50	370	150
	CADMIUM	UG/L	L 2	L 2	-	L 2	360	160
	CHROMIUM	UG/L	43	L 5	88	L 5	24400	10100
	COPPER	UG/L	167	21	87	39	33200	15000
	CYANIDE	UG/L	2090	221	89	I 37200	128000	38400
	LEAD	UG/L	96	L 20	79	L 20	30000	10800
	MERCURY	NG/L	200	L 200	-	L 200	56000	14000
	NICKEL	UG/L	L 10	L 10	-	L 10	5800	2400
	SELENIUM	UG/L	L 50	L 50	-	L 50	57	57

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/10/04
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 13

SAMPLE DATE ENDING 79/10/04 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	SILVER	UG/L	16	L 2	88	L 2	50	1110
	THALLIUM	UG/L	L 100	L 100	-	L 100	L 10	19
	ZINC	UG/L	302	35	88	35	102000	44500
NON-CONV. METALS	ALUMINUM	UG/L	2310	162	93	67	NOT RUN	NOT RUN
	BARIUM	UG/L	148	34	77	31	NOT RUN	NOT RUN
	CALCIUM	MG/L	81	81	-	80	NOT RUN	NOT RUN
	IRON	UG/L	2340	83	96	L 50	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	31	33	-	33	NOT RUN	NOT RUN
	MANGANESE	UG/L	161	109	32	78	NOT RUN	NOT RUN
	SODIUM	MG/L	64	73	-	70	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/10/04
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 13

SAMPLE DATE ENDING 79/10/05 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	68	21	69	10	7327	4398
	TOTAL SUSP. SOLIDS	MG/L	174	11	94	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	276	24	91	20	46400	20800
	OIL & GREASE	MG/L	38	13	66	12	3400	467
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	148	75	49	26	1583	301
	TOTAL SOLIDS	MG/L	936	715	24	647	51913	35142
	TOTAL DISS. SOLIDS	MG/L	747	655	12	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	3	L 1	67	L 1	1000	920
	TOTAL VOLATILE SOLIDS	MG/L	340	85	75	85	24201	18458
	VOLATILE DISS. SOLIDS	MG/L	190	118	38	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	120	8	93	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	15	2	87	T 1	160	12
	TOC	MG/L	42	9	79	9	8200	4000
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	13	6
	CHLOROFORM	UG/L	6	1	83	5	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	28	N-D
	ETHYLBENZENE	UG/L	L 1	L 1	-	L 1	20	N-D
	METHYLENE CHLORIDE	UG/L	2	L 3	-	L 3	85	27
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	2	N-D	N-D
	TRICHLOROFLUOROMETHANE	UG/L	L 1	L 1	-	L 1	75	34
	CHLORODIBROMOMETHANE	UG/L	L 1	L 1	-	1	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	10	1	90	1	N-D	N-D
	TOLUENE	UG/L	7	L 1	86	L 1	9000	18300
	TRICHLOROETHYLENE	UG/L	6	L 1	83	L 1	N-D	N-D
ACID EXTRACT	PHENOL	UG/L	1	L 1	-	1	250	N-D
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	L 3	150	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	14	9	36	7	6004	4900
	DI-N-BUTYL PHTHALATE	UG/L	4	2	50	2	130	30
	DIETHYL PHTHALATE	UG/L	L 3	L 3	-	L 3	N-D	39
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	201	N-D
	11,12-BENZOFLUORANTHENE	UG/L	L 10	L 10	-	L 10	96	N-D
	CHRYSENE	UG/L	L 5	L 5	-	L 5	201	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	L 3	220	N-D
	FLUORENE	UG/L	L 3	L 3	-	L 3	77	N-D
	PHENANTHRENE	UG/L	L 3	L 3	-	L 3	220	N-D
	PYRENE	UG/L	L 3	L 3	-	L 3	150	N-D
PESTICIDES	GAMMA-BHC	NG/L	L 100	23	-	L 10	N-D	N-D
	PCB-1242	NG/L	49600	L 200	100	L 200	N-D	N-D
	PCB-1254	NG/L	L 5000	L 500	-	500	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	100	64
	ARSENIC	UG/L	L 50	L 50	-	L 50	380	340
	CADMIUM	UG/L	L 2	L 2	-	L 2	380	180
	CHROMIUM	UG/L	44	6	86	L 5	23000	10200
	COPPER	UG/L	113	27	76	32	28700	16000

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DAILY ANALYTICAL RESULTS

PLANT 13

SAMPLE DATE ENDING 79/10/05 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	CYANIDE	UG/L	2000	205	90	276	133000	24800
	LEAD	UG/L	55	L 20	64	L 20	28000	11500
	MERCURY	MG/L	200	L 200	-	L 200	89000	41000
	NICKEL	UG/L	L 10	L 10	-	L 10	5300	2500
	SELENIUM	UG/L	L 50	L 50	-	L 50	54	58
	SILVER	UG/L	7	L 2	71	L 2	530	1130
	THALLIUM	UG/L	L 100	L 100	-	L 100	16	L 10
	ZINC	UG/L	249	32	87	23	93100	49300
NON-CONV. METALS	ALUMINUM	UG/L	2320	156	93	39	NOT RUN	NOT RUN
	BARIUM	UG/L	123	31	75	28	NOT RUN	NOT RUN
	CALCIUM	MG/L	83	70	16	71	NOT RUN	NOT RUN
	IRON	UG/L	2330	107	95	82	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	32	27	16	27	NOT RUN	NOT RUN
	MANGANESE	UG/L	144	111	23	78	NOT RUN	NOT RUN
	SODIUM	MG/L	62	54	13	54	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 13

SAMPLE DATE ENDING 79/10/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	47	18	62	12	NOT RUN	2333
	TOTAL SUSP. SOLIDS	MG/L	184	12	93	6	NOT RUN	NOT RUN
	COD	MG/L	320	40	88	36	48000	24800
	OIL & GREASE	MG/L	39	NOT RUN	-	10	5200	667
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	179	57	68	57	1828	240
	TOTAL SOLIDS	MG/L	879	743	15	731	61921	28949
	TOTAL DISS. SOLIDS	MG/L	694	735	-	736	12500	NOT RUN
	SETTLEABLE SOLIDS	ML/L	3	L 1	67	L 1	1000	900
	TOTAL VOLATILE SOLIDS	MG/L	185	226	-	277	32034	14045
	VOLATILE DISS. SOLIDS	MG/L	184	144	22	160	3750	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	124	7	94	5	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	18	1	94	T 1	131	11
	TOC	MG/L	48	8	83	9	9200	3800
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	16	5
	1,1,1-TRICHLOROETHANE	UG/L	1	L 1	-	L 1	N-D	N-D
	CHLOROFORM	UG/L	7	L 1	86	11	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	125	N-D
	ETHYLBENZENE	UG/L	3	L 1	67	L 1	35	N-D
	METHYLENE CHLORIDE	UG/L	2	L 3	-	1	113	42
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	5	N-D	N-D
	TRICHLOROFLUOROMETHANE	UG/L	L 1	L 1	-	L 1	113	34
	CHLORODIBROMOMETHANE	UG/L	L 1	L 1	-	2	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	7	L 1	86	L 1	N-D	N-D
	TOLUENE	UG/L	25	L 1	96	L 1	6950	8933
	TRICHLOROETHYLENE	UG/L	11	L 1	91	L 1	N-D	N-D
ACID EXTRACT	PHENOL	UG/L	L 1	L 1	-	L 1	440	303
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	12	7	42	14	1600	1500
	DI-N-BUTYL PHTHALATE	UG/L	L 2	3	-	2	N-D	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	L 3	76	N-D
	PHENANTHRENE	UG/L	L 3	L 3	-	L 3	76	N-D
PESTICIDES	GAMMA-BHC	NG/L	L 100	L 40	-	74	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	94	37
	ARSENIC	UG/L	L 50	L 50	-	L 50	380	200
	CADMIUM	UG/L	L 2	L 2	-	L 2	480	180
	CHROMIUM	UG/L	137	L 5	96	L 5	26400	11200
	COPPER	UG/L	107	L 28	74	30	42100	17000
	CYANIDE	UG/L	2460	194	92	134	87000	20800
	LEAD	UG/L	27	L 20	26	L 20	28000	12200
	MERCURY	NG/L	L 200	L 200	-	L 200	130000	65000
	NICKEL	UG/L	L 10	L 10	-	L 10	7400	2600
	SELENIUM	UG/L	L 50	L 50	-	L 50	81	51
	SILVER	UG/L	9	L 2	78	L 2	100	840
	ZINC	UG/L	244	35	86	29	138000	50700

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DAILY ANALYTICAL RESULTS

PLANT 13

SAMPLE DATE ENDING 79/10/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L	5210	185	96	224	NOT RUN	NOT RUN
	BARIUM	UG/L	136	134	1	31	NOT RUN	NOT RUN
	CALCIUM	MG/L	88	84	5	85	NOT RUN	NOT RUN
	IRON	UG/L	3040	117	96	100	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	34	33	3	32	NOT RUN	NOT RUN
	MANGANESE	UG/L	149	110	26	51	NOT RUN	NOT RUN
	SODIUM	MG/L	49	52	-	54	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 13

SAMPLE DATE ENDING 79/10/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	56	10	82	12	15212	10975
	TOTAL SUSP. SOLIDS	MG/L	125	23	82	4	NOT RUN	10850
	COD	MG/L	240	NOT RUN	-	32	52000	20800
	OIL & GREASE	MG/L	33	18	45	16	4000	733
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	130	14	89	11	1889	423
	TOTAL SOLIDS	MG/L	817	726	11	702	75599	31058
	TOTAL DISS. SOLIDS	MG/L	638	608	5	651	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	5	L 1	80	L 1	1000	850
	TOTAL VOLATILE SOLIDS	MG/L	182	120	34	91	34195	15484
	VOLATILE DISS. SOLIDS	MG/L	140	152	-	165	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	110	8	93	2	NOT RUN	5950
	AMMONIA NITROGEN	MG/L	18	1	94	T 1	178	13
	TOC	MG/L	40	8	80	8	9600	3700
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	18	3
	CHLOROFORM	UG/L	7	2	71	9	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	8	N-D
	ETHYLBENZENE	UG/L	4	L 1	75	L 1	39	N-D
	METHYLENE CHLORIDE	UG/L	2	L 3	-	L 3	45	17
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	4	N-D	N-D
	TRICHLOROFLUOROMETHANE	UG/L	L 1	L 1	-	L 1	71	N-D
	CHLORODIBROMOMETHANE	UG/L	L 1	L 1	-	2	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	9	L 7	22	L 1	N-D	N-D
	TOLUENE	UG/L	3	L 1	67	L 1	8980	6000
ACID EXTRACT	2,4-DINITROPHENOL	UG/L	7	L 5	29	L 5	N-D	N-D
	PHENOL	UG/L	L 1	L 1	-	L 1	805	340
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	L 3	350	200
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	4	5	-	2	5700	1004
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	L 3	N-D	760
	DI-N-BUTYL PHTHALATE	UG/L	2	2	-	2	830	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	320	N-D
	11,12-BENZOFLUORANTHENE	UG/L	L 10	L 10	-	L 10	120	N-D
	CHRYSENE	UG/L	L 5	L 5	-	L 5	320	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	L 3	450	860
	PHENANTHRENE	UG/L	L 3	L 3	-	L 3	450	860
	PYRENE	UG/L	L 3	L 3	-	L 3	400	190
PESTICIDES	PCB-1242	NG/L	29200	750	97	490	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	110	32
	ARSENIC	UG/L	L 50	L 50	-	L 50	320	200
	CADMIUM	UG/L	L 2	L 2	-	L 2	420	170
	CHROMIUM	UG/L	16	L 5	69	L 5	28100	10800
	COPPER	UG/L	63	25	60	32	41300	15600
	CYANIDE	UG/L	2500	269	89	169	90600	23200
	LEAD	UG/L	35	L 20	43	L 20	30000	11600
	MERCURY	NG/L	L 200	L 200	-	L 200	61000	37000

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N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 13

SAMPLE DATE ENDING 79/10/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	NICKEL	UG/L	L 10	L 10	-	L 10	8000	2100
	SELENIUM	UG/L	L 50	L 50	-	L 50	56	58
	SILVER	UG/L	3	L 2	33	L 2	50	430
	ZINC	UG/L	144	24	83	21	134000	46600
NON-CONV. METALS	ALUMINUM	UG/L	1450	228	84	69	NOT RUN	NOT RUN
	BARIUM	UG/L	110	31	72	28	NOT RUN	NOT RUN
	CALCIUM	MG/L	89	87	2	86	NOT RUN	NOT RUN
	IRON	UG/L	1480	143	90	62	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	33	33	-	33	NOT RUN	NOT RUN
	MANGANESE	UG/L	111	123	-	59	NOT RUN	NOT RUN
	SODIUM	MG/L	45	49	-	49	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/10/07
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- = NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 13

SAMPLE DATE ENDING 79/10/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	101	14	86	9	10676	11333
	TOTAL SUSP. SOLIDS	MG/L	175	15	91	5	NOT RUN	44417
	COD	MG/L	240	32	87	20	51200	22400
	OIL & GREASE	MG/L	30	16	47	14	5500	767
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	271	57	79	57	3110	435
	TOTAL SOLIDS	MG/L	984	828	16	811	60950	13717
	TOTAL DISS. SOLIDS	MG/L	786	755	4	796	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	8	L 1	88	L 1	1000	850
	TOTAL VOLATILE SOLIDS	MG/L	246	144	41	159	31870	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	169	107	37	192	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	95	10	89	T 1	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	21	2	90	T 1	120	12
	TOC	MG/L	55	8	85	9	9000	3600
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	23	10
	1,1,1-TRICHLOROETHANE	UG/L	1	L 1	-	L 1	N-D	N-D
	CHLOROFORM	UG/L	8	2	75	9	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	27	8
	METHYLENE CHLORIDE	UG/L	1	L 3	-	L 3	58	19
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	4	N-D	N-D
	CHLORODIBROMOMETHANE	UG/L	L 1	L 1	-	2	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	9	L 1	89	L 1	N-D	N-D
	TOLUENE	UG/L	3	L 1	67	L 1	9530	10400
	TRICHLOROETHYLENE	UG/L	6	L 1	83	L 1	N-D	N-D
ACID EXTRACT	PHENOL	UG/L	L 1	L 1	-	1	N-D	470
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	24	5	79	30	N-D	N-D
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	L 3	1300	908
	DI-N-BUTYL PHTHALATE	UG/L	3	2	33	3	N-D	N-D
PESTICIDES	PCB-1242	NG/L	L 1000	900	-	L 1500	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	120	35
	ARSENIC	UG/L	L 50	L 50	-	L 50	410	130
	CADMIUM	UG/L	L 2	L 2	-	L 2	400	170
	CHROMIUM	UG/L	57	8	86	L 5	23500	10700
	COPPER	UG/L	92	40	57	41	33300	15500
	CYANIDE	UG/L	1980	186	91	151	106000	34400
	LEAD	UG/L	80	L 20	75	L 20	12000	12000
	MERCURY	NG/L	L 200	L 200	-	L 200	110000	26000
	NICKEL	UG/L	L 10	L 10	-	L 10	6000	2100
	SELENIUM	UG/L	L 50	L 50	-	L 50	73	35
	SILVER	UG/L	11	L 2	82	L 2	200	1070
	ZINC	UG/L	289	26	91	56	102000	47800
NON-CONV. METALS	ALUMINUM	UG/L	1220	177	85	73	NOT RUN	NOT RUN
	BARIUM	UG/L	131	33	75	31	NOT RUN	NOT RUN,
	CALCIUM	MG/L	96	92	4	93	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/10/09

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 13

SAMPLE DATE ENDING 79/10/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	IRON	UG/L	2000	113	94	95	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	36	35	3	36	NOT RUN	NOT RUN
	MANGANESE	UG/L	115	122	-	81	NOT RUN	NOT RUN
	SODIUM	MG/L	69	63	9	61	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/10/09
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
U-G NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 14

SAMPLE DATE ENDING 79/11/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	385	13	97	237	13845	2850	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	247	12	95	420	NOT RUN	4900	NOT RUN
	COD	MG/L	656	44	93	1000	36320	5760	NOT RUN
	OIL & GREASE	MG/L	35	7	80	42	2100	420	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	271	118	56	484	2744	319	NOT RUN
	TOTAL SOLIDS	MG/L	899	495	45	1285	38000	4701	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	728	540	26	100	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	45	L 1	98	24	500	55	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	346	96	72	527	20398	2648	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	116	108	7	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	210	8	96	260	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	10	7	30	20	101	25	NOT RUN
	TOC	MG/L	301	53	82	423	11580	2750	NOT RUN
VOLATILES	BENZENE	UG/L	L 5	3	-	4	N-D	N-D	NOT RUN
	1,1,1-TRICHLORDETHANE	UG/L	36	L 5	86	L 5	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	88	12	86	7	N-D	N-D	NOT RUN
	1,1-DICHLORDETHYLENE	UG/L	22	L 5	77	L 5	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLORDETHYLENE	UG/L	6	L 5	17	L 5	75	N-D	NOT RUN
	ETHYLBENZENE	UG/L	83	L 5	94	3	432	5	NOT RUN
	METHYLENE CHLORIDE	UG/L	490	100	80	3	N-D	2	NOT RUN
	TRICHLORDFLUORDMETHANE	UG/L	L 5	L 5	-	L 5	52	N-D	NOT RUN
	TETRACHLORDETHYLENE	UG/L	41	1	98	8	N-D	N-D	NOT RUN
	TOLUENE	UG/L	97	2	98	17	12240	1900	NOT RUN
	TRICHLORDETHYLENE	UG/L	100	1	99	L 5	N-D	N-D	NOT RUN
ACID EXTRACT	PHENOL	UG/L	10	L 50	-	5	1100	N-D	NOT RUN
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 20	L 20	-	L 20	86	N-D	NOT RUN
	NAPHTHALENE	UG/L	5	L 20	-	L 20	N-D	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	7	5	29	3	2060	720	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	5	L 20	-	1	73	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	3	L 20	-	2	N-D	N-D	NOT RUN
	ANTHRACENE	UG/L	3	L 20	-	L 20	203	N-D	NOT RUN
	PHENANTHRENE	UG/L	2	L 20	-	L 20	203	N-D	NOT RUN
METALS	ANTIMONY	UG/L	8	3	63	8	220	78	NOT RUN
	ARSENIC	UG/L	6	3	50	26	180	22	NOT RUN
	BERYLLIUM	UG/L	L 1	L 1	-	1	L 6	L 6	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	9	62	29	NOT RUN
	CHROMIUM	UG/L	191	26	86	1200	8600	4000	NOT RUN
	COPPER	UG/L	223	26	88	706	8400	1800	NOT RUN
	CYANIDE	UG/L	484	226	53	542	31000	646	NOT RUN
	LEAD	UG/L	L 40	L 40	-	367	9600	1100	NOT RUN
	MERCURY	NG/L	L 1000	L 1000	-	3000	66000	21000	NOT RUN
	NICKEL	UG/L	438	218	50	508	5500	2500	NOT RUN
	SELENIUM	UG/L	J 6	J 4	33	J 15	26	L 4	NOT RUN
	SILVER	UG/L	10	1	90	265	35	130	NOT RUN
	ZINC	UG/L	1100	74	93	2720	37000	6500	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/06
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
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DAILY ANALYTICAL RESULTS

PLANT 14

AMPLE DATE ENDING 79/11/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
NON-CONV. METALS	ALUMINUM	UG/L	1970	232	88	13500	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	128	15	88	687	NOT RUN	NOT RUN	NOT RUN
	BORON	UG/L	325	96	70	1190	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	62	57	8	85	NOT RUN	NOT RUN	NOT RUN
	COBALT	UG/L	170	80	53	104	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	4910	502	90	26400	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	16	16	-	21	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	203	131	35	654	NOT RUN	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	81	L 35	57	98	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	130	82	37	87	NOT RUN	NOT RUN	NOT RUN
	TIN	UG/L	112	68	39	235	NOT RUN	NOT RUN	NOT RUN
	TITANIUM	UG/L	210	16	92	699	NOT RUN	NOT RUN	NOT RUN
	VANADIUM	UG/L	16	8	50	33	NOT RUN	NOT RUN	NOT RUN
	YTTRIUM	UG/L	4	L 3	25	8	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/06
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DAILY ANALYTICAL RESULTS

PLANT 14

SAMPLE DATE ENDING 79/11/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	184	20	89	294	9571	2449	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	134	13	90	725	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	392	92	77	1280	53600	9360	NOT RUN
	OIL & GREASE	MG/L	31	10	68	45	2650	340	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	118	45	62	161	2084	1217	NOT RUN
	TOTAL SOLIDS	MG/L	724	522	28	1506	38099	6449	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	668	573	14	229	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	3	L 1	67	33	1000	475	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	318	197	38	747	20333	3851	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	152	59	61	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	120	6	95	625	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	9	7	22	21	100	25	NOT RUN
	TOC	MG/L	233	84	64	540	9730	2790	NOT RUN
VOLATILES	BENZENE	UG/L	2	7	-	L 5	N-D	1	NOT RUN
	CARBON TETRACHLORIDE	UG/L	L 5	L 5	-	6	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	40	L 5	88	L 5	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	20	20	-	L 5	N-D	N-D	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	9	L 5	44	L 5	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	6	L 5	17	L 5	N-D	N-D	NOT RUN
	ETHYLBENZENE	UG/L	22	L 5	77	2	273	2	NOT RUN
	METHYLENE CHLORIDE	UG/L	802	82	90	4	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	35	1	97	8	N-D	N-D	NOT RUN
	TOLUENE	UG/L	29	2	93	29	31300	9070	NOT RUN
	TRICHLOROETHYLENE	UG/L	160	1	99	L 5	N-D	N-D	NOT RUN
ACID EXTRACT	PHENOL	UG/L	5	L 60	-	16	390	1010	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	26	370	-	21	2800	600	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 20	L 20	-	5	N-D	N-D	NOT RUN
	PYRENE	UG/L	L 10	L 10	-	L 10	140	N-D	NOT RUN
METALS	ANTIMONY	UG/L	8	1	88	8	160	42	NOT RUN
	ARSENIC	UG/L	4	L 2	50	32	180	35	NOT RUN
	BERYLLIUM	UG/L	L 1	L 1	-	1	L 6	L 6	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	10	360	31	NOT RUN
	CHROMIUM	UG/L	305	30	90	1430	37000	3300	NOT RUN
	COPPER	UG/L	972	32	97	832	34200	1200	NOT RUN
	CYANIDE	UG/L	391	162	59	626	40200	924	NOT RUN
	LEAD	UG/L	L 40	L 40	-	488	10000	1800	NOT RUN
	MERCURY	NG/L	L 1000	L 1000	-	4000	25000	10000	NOT RUN
	NICKEL	UG/L	465	273	41	638	36200	3200	NOT RUN
	SELENIUM	UG/L	J 20	J 20	-	J 4	23	5	NOT RUN
	SILVER	UG/L	11	1	91	320	160	160	NOT RUN
	THALLIUM	UG/L	L 1	L 1	-	L 1	11	L 10	NOT RUN
	ZINC	UG/L	1220	87	93	3280	175000	20000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1160	264	77	13600	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	125	17	86	851	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/07

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N-D=NOT DETERMINED

DAILY ANALYTICAL RESULTS

PLANT 14

SAMPLE DATE ENDING 79/11/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
NON-CONV. METALS	BORON	UG/L	592	210	65	795	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	64	59	8	95	NOT RUN	NOT RUN	NOT RUN
	COBALT	UG/L	160	144	10	57	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	7040	653	91	37600	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	16	15	6	21	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	220	166	25	822	NOT RUN	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	85	57	33	107	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	99	114	-	78	NOT RUN	NOT RUN	NOT RUN
	TIN	UG/L	108	53	51	235	NOT RUN	NOT RUN	NOT RUN
	TITANIUM	UG/L	194	28	86	789	NOT RUN	NOT RUN	NOT RUN
	VANADIUM	UG/L	16	13	19	32	NOT RUN	NOT RUN	NOT RUN
	YTTRIUM	UG/L	4	4	-	8	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/07
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
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DAILY ANALYTICAL RESULTS

PLANT 14

SAMPLE DATE ENDING 79/11/08 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	413	14	97	351	20625	3399	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	200	9	95	750	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	784	64	92	1400	44000	10720	NOT RUN
	OIL & GREASE	MG/L	38	8	79	42	1250	500	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	110	26	78	362	600	362	NOT RUN
	TOTAL SOLIDS	MG/L	965	551	43	1096	36158	10201	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	680	564	17	I 1033	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	3	L 1	67	36	1000	850	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	401	86	79	448	19393	6008	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	216	44	80	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	187	6	97	675	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	10	7	30	21	86	25	NOT RUN
	TOC	MG/L	202	47	77	156	9658	1394	NOT RUN
VOLATILES	BENZENE	UG/L	47	L 5	89	10	N-D	N-D	NOT RUN
	CARBON TETRACHLORIDE	UG/L	58	L 5	91	L 5	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	320	L 5	98	L 5	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	40	27	32	2	N-D	N-D	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	48	L 5	90	L 5	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	10	L 5	50	L 5	N-D	N-D	NOT RUN
	ETHYLBENZENE	UG/L	27	L 5	81	2	274	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	11000	L 5	100	43	N-D	N-D	NOT RUN
	METHYL CHLORIDE	UG/L	L 5	120	-	L 5	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	49	L 5	90	16	N-D	N-D	NOT RUN
	TOLUENE	UG/L	140	L 5	96	91	28480	368	NOT RUN
	TRICHLOROETHYLENE	UG/L	150	L 5	97	1	N-D	N-D	NOT RUN
ACID EXTRACT	PHENOL	UG/L	16	L 60	-	9	1400	570	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	8	34	-	17	2060	1060	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	46	3	93	5	N-D	N-D	NOT RUN
	PYRENE	UG/L	L 10	L 10	-	L 10	106	N-D	NOT RUN
PESTICIDES	4,4'-DDT	NG/L	L 1000	L 1000	-	1200	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	7	3	57	13	90	64	NOT RUN
	ARSENIC	UG/L	4	L 2	50	36	49	45	NOT RUN
	BERYLLIUM	UG/L	L 1	L 1	-	1	L 6	L 6	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	13	340	25	NOT RUN
	CHROMIUM	UG/L	200	19	90	1540	37300	4200	NOT RUN
	COPPER	UG/L	235	25	89	919	37300	1700	NOT RUN
	CYANIDE	UG/L	458	148	68	623	41800	904	NOT RUN
	LEAD	UG/L	L 40	L 40	-	548	6200	1900	NOT RUN
	MERCURY	NG/L	2000	L 1000	50	4000	53000	37000	NOT RUN
	NICKEL	UG/L	556	264	53	746	36000	4400	NOT RUN
	SELENIUM	UG/L	J 6	J 15	-	J 6	7	7	NOT RUN
	SILVER	UG/L	9	L 1	89	270	290	99	NOT RUN
	THALLIUM	UG/L	L 1	L 1	-	19	L 10	L 10	NOT RUN
	ZINC	UG/L	1110	91	92	3830	171000	25000	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/08
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 14

SAMPLE DATE ENDING 79/11/08 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
NON-CONV. METALS	ALUMINUM	UG/L	941	156	83	14000	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	109	15	86	864	NOT RUN	NOT RUN	NOT RUN
	BORON	UG/L	673	401	40	1040	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	61	59	3	98	NOT RUN	NOT RUN	NOT RUN
	COBALT	UG/L	L 50	95	-	164	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	4070	320	93	39600	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	17	15	12	23	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	231	160	31	814	NOT RUN	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	48	L 35	27	185	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	113	96	15	93	NOT RUN	NOT RUN	NOT RUN
	TIN	UG/L	80	60	25	250	NOT RUN	NOT RUN	NOT RUN
	TITANIUM	UG/L	171	12	93	1010	NOT RUN	NOT RUN	NOT RUN
	VANADIUM	UG/L	11	9	18	40	NOT RUN	NOT RUN	NOT RUN
	YTTRIUM	UG/L	L 3	L 3	-	10	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/08
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
B IS NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 14

SAMPLE DATE ENDING 79/11/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	363	16	96	295	5957	2396	2
	TOTAL SUSP. SOLIDS	MG/L	294	11	96	475	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	792	56	93	6720	49600	10400	8
	OIL & GREASE	MG/L	27	9	67	40	1400	320	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	87	8	91	106	271	118	L 1
	TOTAL SOLIDS	MG/L	975	565	42	1667	41065	12573	279
	TOTAL DISS. SOLIDS	MG/L	752	556	26	886	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	40	L 1	97	40	1000	970	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	473	131	72	913	22474	7630	48
	VOLATILE DISS. SOLIDS	MG/L	172	70	59	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	233	9	96	300	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	8	6	25	15	81	18	NOT RUN
	TOC	MG/L	196	45	77	151	7418	1451	1
VOLATILES	ACRYLONITRILE	UG/L	L 100	L 100	-	82	N-D	N-D	L 100
	BENZENE	UG/L	7	4	43	3	N-D	N-D	3
	CARBON TETRACHLORIDE	UG/L	L 5	L 5	-	4	N-D	N-D	L 5
	CHLOROBENZENE	UG/L	L 5	L 5	-	3	N-D	N-D	L 5
	1,2-DICHLOROETHANE	UG/L	L 5	L 5	-	65	N-D	N-D	L 5
	1,1,1-TRICHLOROETHANE	UG/L	21	4	81	L 5	N-D	N-D	L 5
	CHLOROFORM	UG/L	6	5	17	L 5	N-D	N-D	61
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 5	-	L 5	128	N-D	L 5
	1,2-DICHLOROPROPANE	UG/L	1	L 5	-	L 5	N-D	N-D	L 5
	ETHYLBENZENE	UG/L	L 5	L 5	-	L 5	219	N-D	L 5
	METHYLENE CHLORIDE	UG/L	30	63	-	7	744	N-D	L 5
	METHYL CHLORIDE	UG/L	40	L 5	88	1	N-D	N-D	L 5
	DICHLOROBROMOMETHANE	UG/L	L 5	L 5	-	L 5	N-D	N-D	2
	TETRACHLOROETHYLENE	UG/L	10	L 5	50	41	N-D	N-D	L 5
	TOLUENE	UG/L	166	L 5	97	554	37300	56	1
	TRICHLOROETHYLENE	UG/L	26	L 5	81	38	N-D	N-D	L 5
ACID EXTRACT	PHENOL	UG/L	1	L 60	-	1	3700	250	L 60
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	12	2	83	NOT RUN	2300	625	6
	DI-N-BUTYL PHTHALATE	UG/L	6	L 20	-	NOT RUN	N-D	N-D	9
METALS	ANTIMONY	UG/L	5	2	60	9	210	76	2
	ARSENIC	UG/L	6	2	67	32	140	38	L 2
	BERYLLIUM	UG/L	L 1	1	-	1	L 6	L 6	L 1
	CADMIUM	UG/L	L 2	L 2	-	6	340	17	L 2
	CHROMIUM	UG/L	144	26	82	784	38000	3100	5
	COPPER	UG/L	179	43	76	638	37500	1200	11
	CYANIDE	UG/L	253	186	26	501	43400	860	NOT RUN
	LEAD	UG/L	44	64	-	549	7900	2200	L 40
	MERCURY	NG/L	L 1000	L 1000	-	2000	9000	33000	L 1000
	NICKEL	UG/L	712	413	42	462	36400	4600	L 5
	SELENIUM	UG/L	L 2	L 2	-	L 2	13	10	2
	SILVER	UG/L	5	L 1	80	150	290	87	L 1
	THALLIUM	UG/L	4	L 1	75	L 1	L 10	L 10	L 1

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N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 14

SAMPLE DATE ENDING 79/11/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
METALS	ZINC	UG/L	919	124	87	2230	170000	24000	26
NON-CONV. METALS	ALUMINUM	UG/L	2100	294	86	10400	NOT RUN	NOT RUN	207
	BARIUM	UG/L	169	13	92	527	NOT RUN	NOT RUN	35
	BORON	UG/L	812	337	58	510	NOT RUN	NOT RUN	40
	CALCIUM	MG/L	52	54	-	68	NOT RUN	NOT RUN	44
	COBALT	UG/L	285	423	-	198	NOT RUN	NOT RUN	216
	IRON	UG/L	7680	507	93	34700	NOT RUN	NOT RUN	6
	MAGNESIUM	MG/L	14	16	-	15	NOT RUN	NOT RUN	11
	MANGANESE	UG/L	293	177	40	640	NOT RUN	NOT RUN	5
	MOLYBDENUM	UG/L	92	131	-	111	NOT RUN	NOT RUN	39
	SODIUM	MG/L	110	119	-	47	NOT RUN	NOT RUN	17
	TIN	UG/L	49	37	24	167	NOT RUN	NOT RUN L	25
	TITANIUM	UG/L	279	29	90	772	NOT RUN	NOT RUN L	2
	VANADIUM	UG/L	11	13	-	26	NOT RUN	NOT RUN	4
	YTTRIUM	UG/L	6	8	-	11	NOT RUN	NOT RUN	4

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DAILY ANALYTICAL RESULTS

PLANT 14

SAMPLE DATE ENDING 79/11/10 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	191	8	96	184	9336	3858	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	177	5	97	113	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	488	72	85	8140	38400	25600	NOT RUN
	OIL & GREASE	MG/L	29	6	79	37	1900	440	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	87	2	98	87	1980	313	NOT RUN
	TOTAL SOLIDS	MG/L	528	401	24	707	40432	13711	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	428	368	14	320	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	1	L 1	-	8	1000	980	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	169	33	80	305	21109	7992	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	36	51	-	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	120	3	97	38	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	3	2	33	14	69	20	NOT RUN
	TOC	MG/L	123	32	74	79	14098	509	NOT RUN
VOLATILES	BENZENE	UG/L	L 5	2	-	L 5	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	14	L 5	64	L 5	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	5	3	40	2	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 5	-	L 5	92	N-D	NOT RUN
	ETHYLBENZENE	UG/L	5	L 5	-	L 5	313	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	28	30	-	L 5	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	6	L 5	17	2	N-D	N-D	NOT RUN
	TOLUENE	UG/L	L 5	L 5	-	11	42300	28	NOT RUN
ACID EXTRACT	PHENOL	UG/L	1	NOT RUN	-	1	280	490	NOT RUN
BASE-NEUTRALS	2,4-DINITROTOLUENE	UG/L	L 20	NOT RUN	-	2	N-D	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	2	NOT RUN	-	L 20	5600	2400	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 20	NOT RUN	-	4	N-D	N-D	NOT RUN
	PYRENE	UG/L	L 10	NOT RUN	-	L 10	N-D	170	NOT RUN
METALS	ANTIMONY	UG/L	2	2	-	5	49	150	NOT RUN
	ARSENIC	UG/L	4	L 2	50	14	28	67	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	L 2	350	25	NOT RUN
	CHROMIUM	UG/L	47	8	83	436	41000	3200	NOT RUN
	COPPER	UG/L	86	28	67	363	40800	1000	NOT RUN
	CYANIDE	UG/L	260	128	51	718	46100	1340	NOT RUN
	LEAD	UG/L	L 40	L 40	-	228	3100	2800	NOT RUN
	MERCURY	MG/L	L 1000	L 1000	-	1000	35000	12000	NOT RUN
	NICKEL	UG/L	134	238	-	325	37500	5400	NOT RUN
	SELENIUM	UG/L	4	L 2	50	L 2	5	12	NOT RUN
	SILVER	UG/L	7	L 1	86	115	300	87	NOT RUN
	ZINC	UG/L	319	70	78	1310	183000	32000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	2170	170	92	6020	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	72	13	82	329	NOT RUN	NOT RUN	NOT RUN
	BORON	UG/L	198	841	-	666	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	50	42	16	50	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	3960	290	93	16000	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	13	10	23	11	NOT RUN	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 14

SAMPLE DATE ENDING 79/11/10 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
NON-CONV. METALS	MANGANESE	UG/L	220.	165	25	419	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	44	56	-	31	NOT RUN	NOT RUN	NOT RUN
	TIN	UG/L	77	L 25	68	82	NOT RUN	NOT RUN	NOT RUN
	TITANIUM	UG/L	106	21	80	537	NOT RUN	NOT RUN	NOT RUN
	VANADIUM	UG/L	L 1	L 1	-	4	NOT RUN	NOT RUN	NOT RUN
	YTTRIUM	UG/L	6	5	17	6	NOT RUN	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 14

SAMPLE DATE ENDING 79/11/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	COMP SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	150	9	94	206	4791	1408	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	88	5	94	583	NOT RUN	5500	NOT RUN
	COD	MG/L	328	36	89	840	41600	6933	NOT RUN
	OIL & GREASE	MG/L	26	12	54	36	1550	360	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	69	2	97	197	1186	191	NOT RUN
	TOTAL SOLIDS	MG/L	656	476	27	1314	34677	5899	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	536	433	19	600	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	2	L 1	50	24	1000	470	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	228	82	64	522	17993	3365	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	48	73	-	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	65	4	94	434	NOT RUN	3750	NOT RUN
	AMMONIA NITROGEN	MG/L	4	3	25	14	81	17	NOT RUN
	TOC	MG/L	275	41	85	452	8386	1360	NOT RUN
VOLATILES	BENZENE	UG/L	L 5	3	-	L 5	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	12	L 5	58	L 5	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	4	4	-	2	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 5	-	L 5	N-D	N-D	NOT RUN
	ETHYLBENZENE	UG/L	L 5	L 5	-	L 5	305	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	8	L 5	38	2	N-D	N-D	NOT RUN
	TOLUENE	UG/L	4	2	50	15	9520	291	NOT RUN
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	1	L 50	-	L 50	N-D	N-D	NOT RUN
	PHENOL	UG/L	L 60	L 60	-	1	2300	N-D	NOT RUN
BASE-NEUTRALS	2,4-DINITROTOLUENE	UG/L	5	L 20	-	L 20	N-D	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	4	2	50	3	1300	2200	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	6	L 20	-	L 20	N-D	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	4	14	-	L 20	N-D	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	3	L 20	-	L 20	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	2	2	-	10	96	72	NOT RUN
	ARSENIC	UG/L	2	L 2	-	20	63	21	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	8	330	29	NOT RUN
	CHROMIUM	UG/L	45	7	84	1240	35800	4100	NOT RUN
	COPPER	UG/L	48	17	65	674	35400	2400	NOT RUN
	CYANIDE	UG/L	174	107	39	566	48200	624	NOT RUN
	LEAD	UG/L	L 40	L 40	-	316	6700	1100	NOT RUN
	MERCURY	NG/L	L 1000	L 1000	-	2000	15000	16000	NOT RUN
	NICKEL	UG/L	57	190	-	597	31900	2200	NOT RUN
	SELENIUM	UG/L	L 2	L 2	-	6	9	7	NOT RUN
	SILVER	UG/L	2	L 1	50	195	380	150	NOT RUN
	ZINC	UG/L	125	94	25	2430	163000	15000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	701	163	77	9910	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	71	15	79	600	NOT RUN	NOT RUN	NOT RUN
	BORON	UG/L	825	321	61	834	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	59	55	7	82	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1800	292	84	29800	NOT RUN	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 14

SAMPLE DATE ENDING 79/11/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
NON-CONV. METALS	MAGNESIUM	MG/L	18	16	11	22	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	217	180	17	696	NOT RUN	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	35	L 35	-	115	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	51	50	-	83	NOT RUN	NOT RUN	NOT RUN
	TIN	UG/L	45	L 25	44	154	NOT RUN	NOT RUN	NOT RUN
	TITANIUM	UG/L	95	28	71	998	NOT RUN	NOT RUN	NOT RUN
	VANADIUM	UG/L	L 1	L 1	-	16	NOT RUN	NOT RUN	NOT RUN
	YTTRIUM	UG/L	4	4	-	9	NOT RUN	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 15

SAMPLE DATE ENDING 79/11/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	118	11	91	NOT RUN	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	154	32	79	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	152	104	32	NOT RUN	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	31	4	87	NOT RUN	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	167	63	62	NOT RUN	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	395	333	16	NOT RUN	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	208	278	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	70	91	-	NOT RUN	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	64	20	69	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	84	17	80	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	9	7	22	NOT RUN	NOT RUN	NOT RUN
	TOC	MG/L	154	49	68	NOT RUN	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	2	L 1	50	NOT RUN	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	5	L 1	80	NOT RUN	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	9	2	78	NOT RUN	NOT RUN	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	1	L 1	-	NOT RUN	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	2	L 1	50	NOT RUN	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	11	3	73	NOT RUN	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	15	2	87	NOT RUN	NOT RUN	NOT RUN
	TOLUENE	UG/L	3	L 1	67	NOT RUN	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	2	L 1	50	NOT RUN	NOT RUN	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	9	L 5	44	NOT RUN	NOT RUN	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	12	5	58	NOT RUN	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	3	1	67	NOT RUN	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	3	L 3	-	NOT RUN	NOT RUN	NOT RUN
PESTICIDES	PCB-1242	NG/L	8100	2600	68	NOT RUN	NOT RUN	NOT RUN
METALS	CADMIUM	UG/L	3	L 2	33	NOT RUN	NOT RUN	NOT RUN
	COPPER	UG/L	59	32	46	NOT RUN	NOT RUN	NOT RUN
	CYANIDE	UG/L	126	140	-	NOT RUN	NOT RUN	NOT RUN
	MERCURY	NG/L	300	L 200	33	NOT RUN	NOT RUN	NOT RUN
	NICKEL	UG/L	17	14	18	NOT RUN	NOT RUN	NOT RUN
	SILVER	UG/L	14	L 2	86	NOT RUN	NOT RUN	NOT RUN
	ZINC	UG/L	136	45	67	NOT RUN	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	517	123	76	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	131	31	76	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	52	52	-	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	982	243	75	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	7	7	-	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	94	7	93	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	39	34	13	NOT RUN	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 15

SAMPLE DATE ENDING 79/11/13 0800 HOURS

FRACTION	PARAMETER	UNITS	OTHER INFLUENT	TAP WATER
CONVENTIONALS	BOD	MG/L	98	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	157	NOT RUN
	COD	MG/L	496	NOT RUN
	OIL & GREASE	MG/L	57	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	558	NOT RUN
	TOTAL SOLIDS	MG/L	472	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	384	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	136	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	152	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	99	NOT RUN
	AMMONIA NITROGEN	MG/L	11	NOT RUN
	TOC	MG/L	60	NOT RUN
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	4	NOT RUN
	CHLOROFORM	UG/L	7	NOT RUN
	ETHYLBENZENE	UG/L	3	NOT RUN
	METHYLENE CHLORIDE	UG/L	3	NOT RUN
	TETRACHLOROETHYLENE	UG/L	3	NOT RUN
	TRICHLOROETHYLENE	UG/L	2	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	17	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	2	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	4	NOT RUN
	DIETHYL PHTHALATE	UG/L	6	NOT RUN
PESTICIDES	PCB-1242	NG/L	16000	NOT RUN
	PCB-1254	NG/L	450	NOT RUN
METALS	CHROMIUM	UG/L	14	NOT RUN
	COPPER	UG/L	46	NOT RUN
	CYANIDE	UG/L	152	NOT RUN
	LEAD	UG/L	36	NOT RUN
	MERCURY	NG/L	300	NOT RUN
	SILVER	UG/L	9	NOT RUN
	ZINC	UG/L	310	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	539	NOT RUN
	BARIUM	UG/L	48	NOT RUN
	CALCIUM	MG/L	48	NOT RUN
	IRON	UG/L	511	NOT RUN
	MAGNESIUM	MG/L	7	NOT RUN
	MANGANESE	UG/L	89	NOT RUN
	SODIUM	MG/L	52	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 15

SAMPLE DATE ENDING 79/11/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	148	7	95	NOT RUN	25295	56167
	TOTAL SUSP. SOLIDS	MG/L	225	35	84	NOT RUN	NOT RUN	89000
	COD	MG/L	240	84	65	NOT RUN	100800	116800
	OIL & GREASE	MG/L	35	1	97	NOT RUN	5400	4200
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	106	57	46	NOT RUN	918	1327
	TOTAL SOLIDS	MG/L	445	397	11	NOT RUN	53410	57434
	TOTAL DISS. SOLIDS	MG/L	130	288	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	115	179	-	NOT RUN	39378	34839
	VOLATILE DISS. SOLIDS	MG/L	NOT RUN	18	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	159	19	88	NOT RUN	NOT RUN	45000
	AMMONIA NITROGEN	MG/L	10	7	30	NOT RUN	45	41
	TOC	MG/L	157	44	72	NOT RUN	10130	9774
VOLATILES	BENZENE	UG/L	2	L 1	50	NOT RUN	13	7
	1,2-DICHLOROETHANE	UG/L	2	L 1	50	NOT RUN	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	450	L 1	100	NOT RUN	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	2	L 1	50	NOT RUN	20	N-D
	CHLOROFORM	UG/L	7	L 1	86	NOT RUN	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	1	L 1	-	NOT RUN	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	NOT RUN	N-D	44
	ETHYLBENZENE	UG/L	L 1	L 1	-	NOT RUN	50	65
	METHYLENE CHLORIDE	UG/L	4	2	50	NOT RUN	21	48
	TETRACHLOROETHYLENE	UG/L	9	2	78	NOT RUN	394	N-D
	TOLUENE	UG/L	6	L 1	83	NOT RUN	467	1666
	TRICHLOROETHYLENE	UG/L	3	L 1	67	NOT RUN	272	27
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	5	L 5	-	NOT RUN	N-D	N-D
BASE-NEUTRALS	HEXACHLOROBENZENE	UG/L	L 9	L 9	-	NOT RUN	N-D	150
	FLUORANTHENE	UG/L	L 3	L 3	-	NOT RUN	N-D	109
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	20	6	70	NOT RUN	5800	5900
	BUTYL BENZYL PHTHALATE	UG/L	2	L 2	-	NOT RUN	1600	690
	DI-N-BUTYL PHTHALATE	UG/L	5	2	60	NOT RUN	270	150
	DIETHYL PHTHALATE	UG/L	4	NOT RUN	-	NOT RUN	N-D	N-D
	11,12-BENZOFLUORANTHENE	UG/L	L 10	L 10	-	NOT RUN	N-D	51
	PYRENE	UG/L	L 3	L 3	-	NOT RUN	N-D	1003
PESTICIDES	DIELDRIN	MG/L	40	L 30	25	NOT RUN	N-D	N-D
	GAMMA-BHC	MG/L	160	L 10	94	NOT RUN	N-D	N-D
	PCB-1242	MG/L	5100	2300	55	NOT RUN	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	NOT RUN	190	78
	ARSENIC	UG/L	L 50	L 50	-	NOT RUN	450	1800
	CADMIUM	UG/L	L 2	L 2	-	NOT RUN	330	NOT RUN
	CHROMIUM	UG/L	11	L 5	55	NOT RUN	6300	NOT RUN
	COPPER	UG/L	44	14	68	NOT RUN	21400	NOT RUN
	LEAD	UG/L	28	L 20	29	NOT RUN	15000	14000
	MERCURY	MG/L	600	L 200	67	NOT RUN	130000	200000
	NICKEL	UG/L	14	13	7	NOT RUN	750	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/14
(L-LESS THAN; G-GREATER THAN; T-TRACE; I OR J-INTERFERENCE; U-UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 15

SAMPLE DATE ENDING 79/11/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PAE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
METALS	SELENIUM	UG/L	L 50	L 50	-	NOT RUN	340	43
	SILVER	UG/L	6	L 2	67	NOT RUN	140	NOT RUN
	ZINC	UG/L	131	36	73	NOT RUN	114000	42000
NON-CONV. METALS	ALUMINUM	UG/L	513	132	74	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	105	33	69	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	48	52	-	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	646	225	65	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	7	7	-	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	84	69	18	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	38	37	3	NOT RUN	NOT RUN	NOT RUN

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POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/14
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DAILY ANALYTICAL RESULTS

PLANT 15

SAMPLE DATE ENDING 79/11/14 0800 HOURS

FRACTION	PARAMETER	UNITS	OTHER INFLUENT	TAP WATER
CONVENTIONALS	BOD	MG/L	133	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	320	NOT RUN
	COD	MG/L	288	NOT RUN
	OIL & GREASE	MG/L	55	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	594	NOT RUN
	TOTAL SOLIDS	MG/L	586	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	308	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	263	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	235	NOT RUN
	AMMONIA NITROGEN	MG/L	11	NOT RUN
	TOC	MG/L	243	NOT RUN
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	8	NOT RUN
	CHLOROFORM	UG/L	7	NOT RUN
	METHYLENE CHLORIDE	UG/L	3	NOT RUN
	TETRACHLOROETHYLENE	UG/L	3	NOT RUN
	TRICHLOROETHYLENE	UG/L	2	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	7	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	4	NOT RUN
	DIETHYL PHTHALATE	UG/L	4	NOT RUN
PESTICIDES	PCB-1242	NG/L	16000	NOT RUN
METALS	CHROMIUM	UG/L	32	NOT RUN
	COPPER	UG/L	65	NOT RUN
	LEAD	UG/L	54	NOT RUN
	MERCURY	NG/L	600	NOT RUN
	ZINC	UG/L	441	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	814	NOT RUN
	BARIUM	UG/L	53	NOT RUN
	CALCIUM	MG/L	47	NOT RUN
	IRON	UG/L	762	NOT RUN
	MAGNESIUM	MG/L	7	NOT RUN
	MANGANESE	UG/L	97	NOT RUN
	SODIUM	MG/L	45	NOT RUN

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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 15

SAMPLE DATE ENDING 79/11/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	73	13	82	NOT RUN	NOT RUN	10000
	TOTAL SUSP. SOLIDS	MG/L	88	13	85	NOT RUN	NOT RUN	149000
	COD	MG/L	224	100	55	NOT RUN	NOT RUN	64000
	OIL & GREASE	MG/L	26	6	77	NOT RUN	NOT RUN	4950
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	124	106	15	NOT RUN	NOT RUN	2353
	TOTAL SOLIDS	MG/L	457	353	23	NOT RUN	NOT RUN	58821
	TOTAL DISS. SOLIDS	MG/L	NOT RUN	300	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	215	103	52	NOT RUN	NOT RUN	36323
	VOLATILE DISS. SOLIDS	MG/L	NOT RUN	33	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	68	10	85	NOT RUN	NOT RUN	96000
	AMMONIA NITROGEN	MG/L	9	8	11	NOT RUN	NOT RUN	37
	TOC	MG/L	145	98	32	NOT RUN	NOT RUN	8314
VOLATILES	BENZENE	UG/L	2	L 1	50	NOT RUN	NOT RUN	4
	1,1,1-TRICHLOROETHANE	UG/L	120	8	93	NOT RUN	NOT RUN	N-D
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	NOT RUN	NOT RUN	76
	CHLOROFORM	UG/L	8	2	75	NOT RUN	NOT RUN	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	NOT RUN	NOT RUN	51
	ETHYLBENZENE	UG/L	1	L 1	-	NOT RUN	NOT RUN	65
	METHYLENE CHLORIDE	UG/L	2	2	-	NOT RUN	NOT RUN	14
	TETRACHLOROETHYLENE	UG/L	8	2	75	NOT RUN	NOT RUN	122
	TOLUENE	UG/L	4	1	75	NOT RUN	NOT RUN	813
	TRICHLOROETHYLENE	UG/L	2	L 1	50	NOT RUN	NOT RUN	45
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	11	L 5	55	NOT RUN	NOT RUN	N-D
	PHENOL	UG/L	4	L 1	75	NOT RUN	NOT RUN	N-D
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	NOT RUN	NOT RUN	98
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	14	18	-	NOT RUN	NOT RUN	6300
	BUTYL BENZYL PHTHALATE	UG/L	3	L 2	33	NOT RUN	NOT RUN	1400
	DI-N-BUTYL PHTHALATE	UG/L	6	2	67	NOT RUN	NOT RUN	260
	DIETHYL PHTHALATE	UG/L	5	L 3	40	NOT RUN	NOT RUN	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	NOT RUN	NOT RUN	160
	PHENANTHRENE	UG/L	L 3	L 3	-	NOT RUN	NOT RUN	160
	PYRENE	UG/L	L 3	L 3	-	NOT RUN	NOT RUN	84
PESTICIDES	HEPTACHLOR	NG/L	L 20	30	-	NOT RUN	NOT RUN	N-D
	GAMMA-BHC	NG/L	L 10	120	-	NOT RUN	NOT RUN	N-D
	PCB-1242	NG/L	9300	L 200	98	NOT RUN	NOT RUN	N-D
	PCB-1254	NG/L	L 400	500	-	NOT RUN	NOT RUN	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	NOT RUN	NOT RUN	280
	ARSENIC	UG/L	L 50	L 50	-	NOT RUN	NOT RUN	740
	BERYLLIUM	UG/L	L 2	L 2	-	NOT RUN	NOT RUN	31
	CADMIUM	UG/L	L 2	L 2	-	NOT RUN	NOT RUN	570
	CHROMIUM	UG/L	8	L 5	38	NOT RUN	NOT RUN	11800
	COPPER	UG/L	65	26	60	NOT RUN	NOT RUN	33800
	CYANIDE	UG/L	126	802	-	NOT RUN	NOT RUN	65600
	LEAD	UG/L	25	L 20	20	NOT RUN	NOT RUN	12100

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DAILY ANALYTICAL RESULTS

PLANT 15

SAMPLE DATE ENDING 79/11/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
METALS	MERCURY	NG/L	L 200	L 200	-	NOT RUN	NOT RUN	86000
	NICKEL	UG/L	13	16	-	NOT RUN	NOT RUN	4900
	SELENIUM	UG/L	L 50	L 50	-	NOT RUN	NOT RUN	400
	SILVER	UG/L	21	L 2	90	NOT RUN	NOT RUN	50
	ZINC	UG/L	149	28	81	NOT RUN	NOT RUN	163000
NON-CONV. METALS	ALUMINUM	UG/L	442	105	76	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	79	32	59	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	47	50	-	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	586	225	62	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	6	7	-	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	83	69	17	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	38	37	3	NOT RUN	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 15

SAMPLE DATE ENDING 79/11/15 0800 HOURS

FRACTION	PARAMETER	UNITS	OTHER INFLUENT	TAP WATER
CONVENTIONALS	BOD	MG/L	56	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	112	NOT RUN
	COD	MG/L	272	NOT RUN
	OIL & GREASE	MG/L	19	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	783	NOT RUN
	TOTAL SOLIDS	MG/L	480	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	342	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	155	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	85	NOT RUN
	AMMONIA NITROGEN	MG/L	11	NOT RUN
	TOC	MG/L	251	NOT RUN
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	3	NOT RUN
	CHLOROFORM	UG/L	6	NOT RUN
	TRICHLOROFLUOROMETHANE	UG/L	1	NOT RUN
	TETRACHLOROETHYLENE	UG/L	1	NOT RUN
	TRICHLOROETHYLENE	UG/L	2	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	7	NOT RUN
	PHENOL	UG/L	1	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	18	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	3	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	5	NOT RUN
	DIETHYL PHTHALATE	UG/L	6	NOT RUN
PESTICIDES	HEPTACHLOR	NG/L	170	NOT RUN
	GAMMA-BHC	NG/L	400	NOT RUN
METALS	CHROMIUM	UG/L	17	NOT RUN
	COPPER	UG/L	91	NOT RUN
	CYANIDE	UG/L	158	NOT RUN
	MERCURY	NG/L	600	NOT RUN
	SILVER	UG/L	22	NOT RUN
	ZINC	UG/L	404	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	522	NOT RUN
	BARIUM	UG/L	46	NOT RUN
	CALCIUM	MG/L	44	NOT RUN
	IRON	UG/L	587	NOT RUN
	MAGNESIUM	MG/L	7	NOT RUN
	MANGANESE	UG/L	88	NOT RUN
	SODIUM	MG/L	45	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 15

SAMPLE DATE ENDING 79/11/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	90	NOT RUN	100	11	NOT RUN	9923
	TOTAL SUSP. SOLIDS	MG/L	113	NOT RUN	100	13	NOT RUN	142000
	COD	MG/L	256	NOT RUN	100	64	NOT RUN	80000
	OIL & GREASE	MG/L	29	NOT RUN	100	8	NOT RUN	4500
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	173	NOT RUN	100	112	NOT RUN	1815
	TOTAL SOLIDS	MG/L	450	NOT RUN	100	373	NOT RUN	63830
	TOTAL DISS. SOLIDS	MG/L	188	NOT RUN	100	357	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	165	NOT RUN	100	156	NOT RUN	40171
	VOLATILE DISS. SOLIDS	MG/L	74	NOT RUN	100	47	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	95	NOT RUN	100	10	NOT RUN	79000
	AMMONIA NITROGEN	MG/L	12	NOT RUN	100	10	NOT RUN	39
	TOC	MG/L	151	NOT RUN	100	146	NOT RUN	7252
VOLATILES	BENZENE	UG/L	2	NOT RUN	100	L 1	NOT RUN	6
	1,1,1-TRICHLOROETHANE	UG/L	14	NOT RUN	100	5	NOT RUN	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	NOT RUN	-	L 1	NOT RUN	79
	CHLOROFORM	UG/L	7	NOT RUN	100	1	NOT RUN	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	NOT RUN	100	L 1	NOT RUN	54
	ETHYLBENZENE	UG/L	L 1	NOT RUN	-	L 1	NOT RUN	55
	METHYLENE CHLORIDE	UG/L	16	NOT RUN	100	2	NOT RUN	12
	TETRACHLOROETHYLENE	UG/L	9	NOT RUN	100	1	NOT RUN	N-D
	TOLUENE	UG/L	3	NOT RUN	100	L 1	NOT RUN	762
	TRICHLOROETHYLENE	UG/L	3	NOT RUN	100	L 1	NOT RUN	29
ACID EXTRACT	PHENOL	UG/L	4	NOT RUN	100	L 1	NOT RUN	N-D
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	NOT RUN	-	L 3	NOT RUN	58
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	10	NOT RUN	100	7	NOT RUN	2900
	BUTYL BENZYL PHTHALATE	UG/L	2	NOT RUN	100	L 2	NOT RUN	410
	DI-N-BUTYL PHTHALATE	UG/L	5	NOT RUN	100	L 2	NOT RUN	140
	DIETHYL PHTHALATE	UG/L	4	NOT RUN	100	L 3	NOT RUN	N-D
	ANTHRACENE	UG/L	L 3	NOT RUN	-	L 3	NOT RUN	110
	PHENANTHRENE	UG/L	L 3	NOT RUN	-	L 3	NOT RUN	110
	PYRENE	UG/L	L 3	NOT RUN	-	L 3	NOT RUN	59
PESTICIDES	GAMMA-BHC	NG/L	L 50	NOT RUN	-	140	NOT RUN	N-D
	PCB-1242	NG/L	2300	NOT RUN	100	L 1000	NOT RUN	N-D
METALS	ANTIMONY	UG/L	L 50	NOT RUN	-	L 50	NOT RUN	280
	ARSENIC	UG/L	L 50	NOT RUN	-	L 50	NOT RUN	1200
	CADMIUM	UG/L	L 2	NOT RUN	-	L 2	NOT RUN	600
	CHROMIUM	UG/L	13	NOT RUN	100	L 5	NOT RUN	13100
	COPPER	UG/L	57	NOT RUN	100	21	NOT RUN	37800
	CYANIDE	UG/L	130	NOT RUN	100	1060	NOT RUN	64800
	LEAD	UG/L	L 20	NOT RUN	-	L 20	NOT RUN	18600
	MERCURY	NG/L	300	NOT RUN	100	L 200	NOT RUN	140000
	NICKEL	UG/L	L 10	NOT RUN	-	L 10	NOT RUN	5800
	SELENIUM	UG/L	L 50	NOT RUN	-	L 50	NOT RUN	430
	SILVER	UG/L	15	NOT RUN	100	L 2	NOT RUN	50

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DAILY ANALYTICAL RESULTS

PLANT 15

SAMPLE DATE ENDING 79/11/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
METALS	ZINC	UG/L	105	NOT RUN	100	39	NOT RUN	187000
NON-CONV. METALS	ALUMINUM	UG/L	494	NOT RUN	100	91	NOT RUN	NOT RUN
	BARIUM	UG/L	118	NOT RUN	100	31	NOT RUN	NOT RUN
	CALCIUM	MG/L	45	NOT RUN	100	49	NOT RUN	NOT RUN
	IRON	UG/L	630	NOT RUN	100	270	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	6	NOT RUN	100	7	NOT RUN	NOT RUN
	MANGANESE	UG/L	80	NOT RUN	100	71	NOT RUN	NOT RUN
	SODIUM	MG/L	37	NOT RUN	100	38	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 15

SAMPLE DATE ENDING 79/11/16 0800 HOURS

FRACTION	PARAMETER	UNITS	OTHER INFLUENT		TAP WATER
CONVENTIONALS	BOD	MG/L	84		2
	TOTAL SUSP. SOLIDS	MG/L	120		2
	COD	MG/L	248	T	1
	OIL & GREASE	MG/L	26		NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1070	L	1
	TOTAL SOLIDS	MG/L	495		107
	TOTAL DISS. SOLIDS	MG/L	NOT RUN		6
	TOTAL VOLATILE SOLIDS	MG/L	240		91
	TOTAL VOL. SUS. SOLIDS	MG/L	100		2
	AMMONIA NITROGEN	MG/L	12		1
	TOC	MG/L	163		1
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	4	L	1
	CHLOROFORM	UG/L	6		51
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L	1
	METHYLENE CHLORIDE	UG/L	96	L	3
	DICHLOROBROMOMETHANE	UG/L	L 1		9
	TRICHLOROFLUOROMETHANE	UG/L	4	L	1
	TETRACHLOROETHYLENE	UG/L	2	L	1
	TRICHLOROETHYLENE	UG/L	2	L	1
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	18	L	2
	BUTYL BENZYL PHTHALATE	UG/L	3	L	2
	DI-N-BUTYL PHTHALATE	UG/L	8	L	2
	DIETHYL PHTHALATE	UG/L	6	L	3
PESTICIDES	PCB-1242	NG/L	9950	L	200
METALS	CHROMIUM	UG/L	19	L	5
	COPPER	UG/L	81	L	2
	CYANIDE	UG/L	150		NOT RUN
	MERCURY	NG/L	200	L	200
	NICKEL	UG/L	12	L	10
	SILVER	UG/L	29	L	2
	ZINC	UG/L	295		23
NON-CONV. METALS	ALUMINUM	UG/L	548		116
	BARIUM	UG/L	46		17
	CALCIUM	MG/L	44		16
	IRON	UG/L	564		115
	MAGNESIUM	MG/L	7		4
	MANGANESE	UG/L	89	L	2
	SODIUM	MG/L	46		3

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DAILY ANALYTICAL RESULTS

PLANT 15

SAMPLE DATE ENDING 79/11/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL		PRE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	107	NOT RUN	100		14	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	104	NOT RUN	100		8	NOT RUN	NOT RUN
	COD	MG/L	304	NOT RUN	100		72	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	48	NOT RUN	100		2	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	228	NOT RUN	100		130	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	488	NOT RUN	100		386	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	322	NOT RUN	100		265	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	128	NOT RUN	100		128	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	NOT RUN	NOT RUN	-		11	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	72	NOT RUN	100		4	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	11	NOT RUN	100		9	NOT RUN	NOT RUN
	TOC	MG/L	183	NOT RUN	100		46	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	2	NOT RUN	100	L	1	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	7	NOT RUN	100		3	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	7	NOT RUN	100		2	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	7	NOT RUN	100	L	1	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	3	NOT RUN	100		4	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	10	NOT RUN	100		2	NOT RUN	NOT RUN
	TOLUENE	UG/L	3	NOT RUN	100		1	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	2	NOT RUN	100	L	1	NOT RUN	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	7	NOT RUN	100	L	5	NOT RUN	NOT RUN
	PHENOL	UG/L	4	NOT RUN	100		1	NOT RUN	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	15	NOT RUN	100		6	NOT RUN	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	3	NOT RUN	100	L	2	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	5	NOT RUN	100		3	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	NOT RUN	100	L	3	NOT RUN	NOT RUN
METALS	CHROMIUM	UG/L	11	NOT RUN	100	L	5	NOT RUN	NOT RUN
	COPPER	UG/L	55	NOT RUN	100		34	NOT RUN	NOT RUN
	CYANIDE	UG/L	125	NOT RUN	100		830	NOT RUN	NOT RUN
	MERCURY	NG/L	1100	NOT RUN	100	L	200	NOT RUN	NOT RUN
	NICKEL	UG/L	46	NOT RUN	100		16	NOT RUN	NOT RUN
	SILVER	UG/L	7	NOT RUN	100		5	NOT RUN	NOT RUN
	ZINC	UG/L	230	NOT RUN	100		36	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	652	NOT RUN	100		111	NOT RUN	NOT RUN
	BARIUM	UG/L	108	NOT RUN	100		34	NOT RUN	NOT RUN
	CALCIUM	MG/L	44	NOT RUN	100		47	NOT RUN	NOT RUN
	IRON	UG/L	825	NOT RUN	100		300	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	6	NOT RUN	100		6	NOT RUN	NOT RUN
	MANGANESE	UG/L	84	NOT RUN	100		72	NOT RUN	NOT RUN
	SODIUM	MG/L	41	NOT RUN	100		38	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/17
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 15

SAMPLE DATE ENDING 79/11/17 0800 HOURS

FRACTION	PARAMETER	UNITS	OTHER INFLUENT	TAP WATER
CONVENTIONALS	BOD	MG/L	71	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	142	NOT RUN
	COD	MG/L	312	NOT RUN
	OIL & GREASE	MG/L	22	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	680	NOT RUN
	TOTAL SOLIDS	MG/L	519	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	356	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	197	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	114	NOT RUN
	AMMONIA NITROGEN	MG/L	12	NOT RUN
	TOC	MG/L	190	NOT RUN
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	4	NOT RUN
	CHLOROFORM	UG/L	6	NOT RUN
	ETHYLBENZENE	UG/L	4	NOT RUN
	METHYLENE CHLORIDE	UG/L	2	NOT RUN
	TRICHLOROFLUOROMETHANE	UG/L	8	NOT RUN
	TETRACHLOROETHYLENE	UG/L	1	NOT RUN
	TRICHLOROETHYLENE	UG/L	2	NOT RUN
ACID EXTRACT	PHENOL	UG/L	4	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	14	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	2	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	5	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	NOT RUN
PESTICIDES	PCB-1242	NG/L	10000	NOT RUN
METALS	CHROMIUM	UG/L	30	NOT RUN
	COPPER	UG/L	53	NOT RUN
	CYANIDE	UG/L	144	NOT RUN
	MERCURY	NG/L	400	NOT RUN
	SILVER	UG/L	8	NOT RUN
	ZINC	UG/L	435	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	714	NOT RUN
	BARIUM	UG/L	49	NOT RUN
	CALCIUM	MG/L	44	NOT RUN
	IRON	UG/L	747	NOT RUN
	MAGNESIUM	MG/L	7	NOT RUN
	MANGANESE	UG/L	91	NOT RUN
	SODIUM	MG/L	44	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/17
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DAILY ANALYTICAL RESULTS

PLANT 15

SAMPLE DATE ENDING 79/11/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	154	NOT RUN	100	23	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	104	NOT RUN	100	15	NOT RUN	NOT RUN
	COD	MG/L	336	NOT RUN	100	92	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	44	NOT RUN	100	6	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	484	NOT RUN	100	94	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	494	NOT RUN	100	355	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	293	NOT RUN	100	255	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	220	NOT RUN	100	103	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	NOT RUN	NOT RUN	-	33	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	64	NOT RUN	100	8	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	12	NOT RUN	100	9	NOT RUN	NOT RUN
	TOC	MG/L	193	NOT RUN	100	63	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	2	NOT RUN	100	L 1	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	4	NOT RUN	100	2	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	7	NOT RUN	100	2	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	1	NOT RUN	100	L 1	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	1	NOT RUN	100	2	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	15	NOT RUN	100	2	NOT RUN	NOT RUN
	TOLUENE	UG/L	2	NOT RUN	100	1	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	3	NOT RUN	100	L 1	NOT RUN	NOT RUN
ACID EXTRACT	PHENOL	UG/L	3	NOT RUN	100	L 1	NOT RUN	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	13	NOT RUN	100	3	NOT RUN	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	2	NOT RUN	100	L 2	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	4	NOT RUN	100	3	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	NOT RUN	100	L 3	NOT RUN	NOT RUN
METALS	CHROMIUM	UG/L	11	NOT RUN	100	L 5	NOT RUN	NOT RUN
	COPPER	UG/L	60	NOT RUN	100	21	NOT RUN	NOT RUN
	CYANIDE	UG/L	116	NOT RUN	100	1650	NOT RUN	NOT RUN
	MERCURY	MG/L	600	NOT RUN	100	L 200	NOT RUN	NOT RUN
	NICKEL	UG/L	483	NOT RUN	100	17	NOT RUN	NOT RUN
	SILVER	UG/L	3	NOT RUN	100	4	NOT RUN	NOT RUN
	ZINC	UG/L	116	NOT RUN	100	32	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	795	NOT RUN	100	105	NOT RUN	NOT RUN
	BARIUM	UG/L	82	NOT RUN	100	31	NOT RUN	NOT RUN
	CALCIUM	MG/L	43	NOT RUN	100	45	NOT RUN	NOT RUN
	IRON	UG/L	720	NOT RUN	100	248	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	6	NOT RUN	100	6	NOT RUN	NOT RUN
	MANGANESE	UG/L	97	NOT RUN	100	71	NOT RUN	NOT RUN
	SODIUM	MG/L	41	NOT RUN	100	40	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/18
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DAILY ANALYTICAL RESULTS

PLANT 15

SAMPLE DATE ENDING 79/11/18 0800 HOURS

FRACTION	PARAMETER	UNITS	OTHER INFLUENT	TAP WATER
CONVENTIONALS	BOD	MG/L	117	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	104	NOT RUN
	COD	MG/L	360	NOT RUN
	OIL & GREASE	MG/L	24	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	191	NOT RUN
	TOTAL SOLIDS	MG/L	515	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	333	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	262	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	229	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	62	NOT RUN
	AMMONIA NITROGEN	MG/L	12	NOT RUN
	TOC	MG/L	190	NOT RUN
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	3	NOT RUN
	CHLOROFORM	UG/L	7	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	NOT RUN
	ETHYLBENZENE	UG/L	1	NOT RUN
	METHYLENE CHLORIDE	UG/L	1	NOT RUN
	TETRACHLOROETHYLENE	UG/L	4	NOT RUN
	TRICHLOROETHYLENE	UG/L	2	NOT RUN
ACID EXTRACT	PHENOL	UG/L	1	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	16	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	2	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	3	NOT RUN
	DIETHYL PHTHALATE	UG/L	6	NOT RUN
PESTICIDES	PCB-1242	NG/L	6300	NOT RUN
METALS	CHROMIUM	UG/L	26	NOT RUN
	COPPER	UG/L	45	NOT RUN
	CYANIDE	UG/L	130	NOT RUN
	MERCURY	NG/L	400	NOT RUN
	ZINC	UG/L	175	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	551	NOT RUN
	BARIUM	UG/L	60	NOT RUN
	CALCIUM	MG/L	44	NOT RUN
	IRON	UG/L	542	NOT RUN
	MAGNESIUM	MG/L	7	NOT RUN
	MANGANESE	UG/L	88	NOT RUN
	SODIUM	MG/L	45	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 16

SAMPLE DATE ENDING 79/12/04 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMB SLUDGE	OTHER SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	198	8	96	9	29821	46282	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	137	10	93	2	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	649	152	77	60	52800	68000	NOT RUN
	OIL & GREASE	MG/L	51	8	84	10	2400	6850	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	252	51	80	75	423	851	NOT RUN
	TOTAL SOLIDS	MG/L	730	436	40	393	32070	36672	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	467	410	12	403	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	2	L 1	50	L 1	1000	980	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	328	77	77	60	25542	29063	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	26	34	-	35	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	102	4	96	1	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	17	7	59	10	86	67	NOT RUN
	TOC	MG/L	72	22	69	4	1347	2154	NOT RUN
VOLATILES	BENZENE	UG/L	1	L 1	-	L 1	3	6	NOT RUN
	CARBON TETRACHLORIDE	UG/L	L 1	2	-	L 1	N-D	N-D	NOT RUN
	CHLOROBENZENE	UG/L	L 1	L 1	-	L 1	9	N-D	NOT RUN
	1,2-DICHLOROETHANE	UG/L	1	L 1	-	L 1	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	25	L 1	96	L 1	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	17	51	NOT RUN
	CHLOROFORM	UG/L	5	2	60	L 1	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	438	1591	NOT RUN
	ETHYLBENZENE	UG/L	4	L 1	75	1	85	217	NOT RUN
	METHYLENE CHLORIDE	UG/L	23	5	78	3	60	117	NOT RUN
	TETRACHLOROETHYLENE	UG/L	95	2	98	2	N-D	74	NOT RUN
	TOLUENE	UG/L	40	1	97	L 1	152	674	NOT RUN
	TRICHLOROETHYLENE	UG/L	26	L 1	96	L 1	36	195	NOT RUN
ACID EXTRACT	PHENOL	UG/L	48	L 1	98	L 1	N-D	N-D	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	67	10	85	9	N-D	N-D	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	L 3	L 3	-	L 3	900	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	12	L 3	75	L 3	7300	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 3	L 3	-	L 3	N-D	120	NOT RUN
	NAPHTHALENE	UG/L	8	L 2	75	L 2	290	1500	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	40	5	88	L 2	2400	2900	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	L 2	60	L 2	400	510	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	1	4	-	L 2	190	370	NOT RUN
	DIETHYL PHTHALATE	UG/L	6	L 3	50	L 3	N-D	N-D	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	L 3	89	140	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	L 3	89	140	NOT RUN
PESTICIDES	ALPHA-BHC	NG/L	L 100	120	-	110	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	L 100	L 100	-	240	N-D	N-D	NOT RUN
METALS	ARSENIC	UG/L	L 50	L 50	-	L 50	850	170	NOT RUN
	CADMIUM	UG/L	8	L 2	75	L 2	98	260	NOT RUN
	CHROMIUM	UG/L	93	26	72	12	2000	4100	NOT RUN
	COPPER	UG/L	120	23	81	5	4400	7500	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 16

SAMPLE DATE ENDING 79/12/04 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMB SLUDGE	OTHER SLUDGE	TAP WATER
METALS	CYANIDE	UG/L	411	301	27	130	17400	47600	NOT RUN
	LEAD	UG/L	141	L 20	86	L 20	12000	22000	NOT RUN
	MERCURY	MG/L	764	L 200	74	200	120000	140000	NOT RUN
	NICKEL	UG/L	101	41	59	39	530	640	NOT RUN
	SILVER	UG/L	22	3	86	L 2	470	1600	NOT RUN
	ZINC	UG/L	225	62	72	42	12000	29000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1210	173	86	L 20	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	145	20	86	10	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	31	30	3	28	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1336	219	84	55	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	4	4	-	4	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	44	27	39	25	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	84	74	12	71	NOT RUN	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 16

SAMPLE DATE ENDING 79/12/05 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMB SLUDGE	OTHER SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	249	7	97	8	17493	21710	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	170	9	95	2	NOT RUN	40500	NOT RUN
	COD	MG/L	488	116	83	76	45600	76000	NOT RUN
	OIL & GREASE	MG/L	38	3	92	8	3800	2900	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	198	45	77	57	454	1003	NOT RUN
	TOTAL SOLIDS	MG/L	730	468	36	365	24071	46721	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	465	450	3	421	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	15	L 1	93	L 1	1000	1000	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	313	68	78	77	20905	37859	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	75	49	35	43	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	122	3	98	1	NOT RUN	32500	NOT RUN
	AMMONIA NITROGEN	MG/L	11	7	36	8	170	76	NOT RUN
	TOC	MG/L	94	19	80	24	73	3078	NOT RUN
VOLATILES	BENZENE	UG/L	2	L 1	50	L 1	4	5	NOT RUN
	CARBON TETRACHLORIDE	UG/L	2	1	50	L 1	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	36	L 1	97	2	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	42	34	NOT RUN
	CHLOROFORM	UG/L	7	2	71	L 1	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	6	L 1	83	L 1	559	1008	NOT RUN
	ETHYLBENZENE	UG/L	22	L 1	95	L 1	67	189	NOT RUN
	METHYLENE CHLORIDE	UG/L	19	1	95	2	21	27	NOT RUN
	TETRACHLOROETHYLENE	UG/L	84	2	98	2	N-D	25	NOT RUN
	TOLUENE	UG/L	55	1	98	L 1	161	284	NOT RUN
	TRICHLOROETHYLENE	UG/L	77	3	96	L 1	51	384	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	2	L 5	-	L 5	N-D	N-D	NOT RUN
	PHENOL	UG/L	39	L 1	97	L 1	N-D	84	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	8	L 3	63	L 3	N-D	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 3	L 3	-	L 3	N-D	275	NOT RUN
	NAPHTHALENE	UG/L	L 1	L 2	-	L 2	410	4500	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	39	3	92	2	1500	5300	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	4	L 2	50	L 2	360	1000	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	4	2	50	L 2	234	1500	NOT RUN
	DIETHYL PHTHALATE	UG/L	7	L 3	57	L 3	N-D	N-D	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	N-D	110	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	L 5	N-D	110	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	L 3	140	404	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	L 3	140	404	NOT RUN
	PYRENE	UG/L	L 3	L 30	-	L 3	N-D	120	NOT RUN
PESTICIDES	ALPHA-BHC	NG/L	L 50	170	-	220	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	L 50	L 170	-	500	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	280	280	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	500	500	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	L 2	20	L 6	NOT RUN
	CADMIUM	UG/L	7	L 2	71	L 2	640	2670	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/05
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DAILY ANALYTICAL RESULTS

PLANT 16

SAMPLE DATE ENDING 79/12/05 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMB SLUDGE	OTHER SLUDGE	TAP WATER
METALS	CHROMIUM	UG/L	92	33	64	15	5700	24000	NOT RUN
	COPPER	UG/L	130	25	81	4	10900	32200	NOT RUN
	CYANIDE	UG/L	360	288	20	121	13400	19200	NOT RUN
	LEAD	UG/L	123	30	76	L 20	12600	30300	NOT RUN
	MERCURY	NG/L	970	200	79	200	12000	L 7000	NOT RUN
	NICKEL	UG/L	62	66	-	59	3600	7700	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	140	140	NOT RUN
	SILVER	UG/L	21	5	76	L 2	140	6450	NOT RUN
	ZINC	UG/L	245	54	78	27	20000	59600	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1338	197	85	59	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	154	24	84	10	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	32	31	3	30	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1462	276	81	110	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	4	4	-	4	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	52	33	37	31	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	88	88	-	88	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/05
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DAILY ANALYTICAL RESULTS

PLANT 16

SAMPLE DATE ENDING 79/12/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMB SLUDGE	OTHER SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	312	8	97	9	6333	12167	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	189	11	94	1	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	557	128	77	60	38400	66400	NOT RUN
	OIL & GREASE	MG/L	51	8	84	14	3500	4550	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	455	148	67	69	417	1522	NOT RUN
	TOTAL SOLIDS	MG/L	728	473	35	451	28883	32037	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	473	460	3	437	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	12	L 1	92	L 1	900	1000	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	273	58	79	44	23477	26511	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	39	64	-	45	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	140	6	96	1	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	16	8	50	9	84	54	NOT RUN
	TOC	MG/L	93	19	80	19	4400	3228	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	3	11	NOT RUN
	CARBON TETRACHLORIDE	UG/L	3	2	33	L 1	N-D	N-D	NOT RUN
	CHLOROBENZENE	UG/L	L 1	2	-	1	1	41	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	41	L 1	98	L 1	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	L 1	19	47	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 10	2	-	L 10	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	8	3	63	L 1	N-D	5	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	L 1	212	465	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	L 1	N-D	11	NOT RUN
	ETHYLBENZENE	UG/L	27	2	93	1	54	586	NOT RUN
	METHYLENE CHLORIDE	UG/L	156	7	96	7	112	70	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	1	1	-	L 1	N-D	N-D	NOT RUN
	TRICHLOROFLUOROMETHANE	UG/L	4	L 1	75	L 1	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	63	3	95	2	12	947	NOT RUN
	TOLUENE	UG/L	69	2	97	1	107	460	NOT RUN
	TRICHLOROETHYLENE	UG/L	102	2	98	2	210	2134	NOT RUN
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	1	L 2	-	L 2	N-D	N-D	NOT RUN
	2,4-DIMETHYLPHENOL	UG/L	10	2	80	L 2	N-D	N-D	NOT RUN
	PHENOL	UG/L	72	3	96	L 1	N-D	320	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	87	4	95	L 3	N-D	N-D	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	17	L 3	82	L 3	N-D	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	38	L 3	92	L 3	N-D	9400	NOT RUN
	FLUORANTHENE	UG/L	L 3	L 3	-	L 3	201	130	NOT RUN
	NAPHTHALENE	UG/L	14	L 2	86	L 2	140	2500	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	46	19	59	2	1400	2700	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	7	L 2	71	L 2	350	480	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	3	2	33	L 2	140	1050	NOT RUN
	DIETHYL PHTHALATE	UG/L	6	L 3	50	L 3	N-D	N-D	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	89	61	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	L 5	89	61	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	L 3	420	200	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	L 3	420	200	NOT RUN
	PYRENE	UG/L	L 3	L 3	-	L 3	200	42	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/06
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 16

SAMPLE DATE ENDING 79/12/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMB SLUDGE	OTHER SLUDGE	TAP WATER
PESTICIDES	ALPHA-BHC	NG/L	L 50	360	-	L 50	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	150	210	-	L 50	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	390	220	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	580	160	NOT RUN
	CADMIUM	UG/L	6	3	50	L 2	490	2030	NOT RUN
	CHROMIUM	UG/L	124	39	69	21	5100	20500	NOT RUN
	COPPER	UG/L	176	27	85	L 2	10900	24400	NOT RUN
	CYANIDE	UG/L	258	1610	-	154	32200	33400	NOT RUN
	LEAD	UG/L	109	46	58	L 20	8220	24400	NOT RUN
	MERCURY	NG/L	861	200	77	200	45000	150000	NOT RUN
	NICKEL	UG/L	75	60	20	69	2400	5300	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	L 100	140000	NOT RUN
	SILVER	UG/L	20	6	70	L 2	150	60	NOT RUN
	ZINC	UG/L	257	57	78	25	19500	38500	NOT RUN
NON-CONV, METALS	ALUMINUM	UG/L	1256	209	83	L 20	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	160	25	84	11	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	34	31	9	30	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1518	337	78	126	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	4	4	-	4	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	58	37	36	35	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	86	83	3	85	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/06
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETERMINED

DAILY ANALYTICAL RESULTS

PLANT 16

SAMPLE DATE ENDING 79/12/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMB SLUDGE	OTHER SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	286	12	96	13	14269	20936	3
	TOTAL SUSP. SOLIDS	MG/L	290	17	94	4	NOT RUN	26670	5
	COD	MG/L	590	100	83	60	73600	102400	NOT RUN
	OIL & GREASE	MG/L	39	7	82	11	4300	5200	1
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	299	106	65	118	3171	3659	L 1
	TOTAL SOLIDS	MG/L	801	477	40	454	32328	41426	120
	TOTAL DISS. SOLIDS	MG/L	590	437	26	442	NOT RUN	NOT RUN	99
	SETTLEABLE SOLIDS	ML/L	14	L 1	93	L 1	1000	1000	L 1
	TOTAL VOLATILE SOLIDS	MG/L	318	59	81	400	25546	34114	12
	VOLATILE DISS. SOLIDS	MG/L	72	55	24	59	NOT RUN	NOT RUN	1
	TOTAL VOL. SUS. SOLIDS	MG/L	216	8	96	2	NOT RUN	23000	1
	AMMONIA NITROGEN	MG/L	16	8	50	8	77	59	1
	TOC	MG/L	80	26	67	9	3370	3020	2
VOLATILES	BENZENE	UG/L	1	L 1	-	L 1	4	20	L 1
	CARBON TETRACHLORIDE	UG/L	5	41	-	L 1	N-D	N-D	L 1
	1,1,1-TRICHLOROETHANE	UG/L	38	L 1	97	1	N-D	N-D	L 1
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	26	47	L 1
	1,1,2-TRICHLOROETHANE	UG/L	1	L 1	-	L 1	N-D	N-D	L 1
	CHLOROFORM	UG/L	6	54	-	15	N-D	7	29
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 1	67	L 1	115	367	L 1
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	L 1	7	12	L 1
	ETHYLBENZENE	UG/L	16	L 1	94	L 1	48	1301	L 1
	METHYLENE CHLORIDE	UG/L	17	7	59	8	46	39	L 3
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	L 1	N-D	N-D	20
	CHLORODIBROMOMETHANE	UG/L	L 1	L 1	-	L 1	N-D	N-D	7
	TETRACHLOROETHYLENE	UG/L	66	2	97	L 1	N-D	333	L 1
	TOLUENE	UG/L	66	1	98	L 1	N-D	712	L 1
	TRICHLOROETHYLENE	UG/L	31	2	94	L 1	298	4082	L 1
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	1	L 2	-	L 2	N-D	N-D	L 2
	2,4-DICHLOROPHENOL	UG/L	3	L 2	33	L 2	N-D	N-D	L 2
	PENTACHLOROPHENOL	UG/L	9	L 5	44	L 5	N-D	N-D	L 5
	PHENOL	UG/L	39	L 1	97	L 1	N-D	150	L 1
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	3	L 3	-	L 3	N-D	N-D	L 3
	1,4-DICHLOROBENZENE	UG/L	2	L 3	-	L 3	N-D	12000	L 3
	FLUORANTHENE	UG/L	L 3	L 3	-	L 3	N-D	170	L 3
	NAPHTHALENE	UG/L	8	L 2	75	L 2	N-D	2300	L 2
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	20	6	70	L 2	5300	2300	L 2
	BUTYL BENZYL PHTHALATE	UG/L	3	L 2	33	L 2	460	500	L 2
	DI-N-BUTYL PHTHALATE	UG/L	6	3	50	L 2	240	670	4
	DIETHYL PHTHALATE	UG/L	4	4	-	L 3	N-D	N-D	L 3
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	N-D	63	L 20
	CHRYSENE	UG/L	L 5	L 5	-	L 5	N-D	63	L 5
	ANTHRACENE	UG/L	L 3	L 3	-	L 3	100	230	L 3
	PHENANTHRENE	UG/L	L 3	L 3	-	L 3	100	230	L 3
	PYRENE	UG/L	L 3	L 3	-	L 3	N-D	52	L 3

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/07
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 16

SAMPLE DATE ENDING 79/12/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMB SLUDGE	OTHER SLUDGE	TAP WATER
PESTICIDES	4,4'-DDD	NG/L	L 600	L 200	-	230	N-D	N-D	L 200
	ALPHA-BHC	NG/L	L 100	L 50	-	110	N-D	N-D	L 50
	GAMMA-BHC	NG/L	343	L 50	85	130	N-D	N-D	L 50
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	300	230	L 50
	ARSENIC	UG/L	62	L 50	19	L 50	1100	150	L 50
	BERYLLIUM	UG/L	L 2	L 2	-	L 2	20	20	L 2
	CADMIUM	UG/L	16	3	81	L 2	670	3490	L 2
	CHROMIUM	UG/L	109	45	59	27	6200	25900	L 5
	COPPER	UG/L	159	36	77	6	14900	26400	4
	CYANIDE	UG/L	236	170	28	184	12100	49300	NOT RUN
	LEAD	UG/L	148	L 20	86	L 20	10600	30700	L 20
	MERCURY	NG/L	919	300	67	200	34000	99000	L 200
	NICKEL	UG/L	128	56	56	39	3200	6200	L 10
	SELENIUM	UG/L	L 50	L 50	-	L 50	240	300	L 50
	SILVER	UG/L	21	6	71	L 2	40	50	L 2
	ZINC	UG/L	319	71	78	36	23500	47100	L 20
NON-CONV. METALS	ALUMINUM	UG/L	1453	208	86	35	NOT RUN	NOT RUN	L 20
	BARIUM	UG/L	168	23	86	11	NOT RUN	NOT RUN	20
	CALCIUM	MG/L	34	31	9	29	NOT RUN	NOT RUN	17
	IRON	UG/L	1491	372	75	140	NOT RUN	NOT RUN	L 50
	MAGNESIUM	MG/L	5	4	20	4	NOT RUN	NOT RUN	L 2
	MANGANESE	UG/L	55	40	27	33	NOT RUN	NOT RUN	L 2
	SODIUM	MG/L	87	86	1	86	NOT RUN	NOT RUN	8

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/07
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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 16

SAMPLE DATE ENDING 79/12/08 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMB SLUDGE	OTHER SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	165	17	90	14	15526	15577	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	224	24	89	9	30330	NOT RUN	NOT RUN
	COD	MG/L	551	92	83	60	26400	128000	NOT RUN
	OIL & GREASE	MG/L	26	8	69	10	4500	5350	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	564	423	25	350	3537	1400	NOT RUN
	TOTAL SOLIDS	MG/L	732	471	36	421	30100	55786	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	567	486	14	502	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	10	L 1	90	L 1	1000	1000	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	299	63	79	52	19793	36512	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	81	35	57	66	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	169	19	89	7	23000	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	14	10	29	9	182	65	NOT RUN
	TOC	MG/L	139	28	80	24	3465	6570	NOT RUN
VOLATILES	BENZENE	UG/L	1	L 1	-	L 1	6	22	NOT RUN
	CARBON TETRACHLORIDE	UG/L	76	53	30	L 1	N-D	N-D	NOT RUN
	CHLOROBENZENE	UG/L	L 1	L 1	-	L 1	7	1	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	16	L 1	94	L 1	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	81	526	NOT RUN
	1,1,2-TRICHLOROETHANE	UG/L	L 1	L 1	-	1	N-D	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	2	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	134	58	57	15	3	10	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	409	120	NOT RUN
	ETHYLBENZENE	UG/L	17	L 1	94	L 1	182	137	NOT RUN
	METHYLENE CHLORIDE	UG/L	68	9	87	7	89	287	NOT RUN
	METHYL BROMIDE	UG/L	4	L 20	-	L 20	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	60	2	97	L 1	43	56	NOT RUN
	TOLUENE	UG/L	86	2	98	1	224	299	NOT RUN
	TRICHLOROETHYLENE	UG/L	26	2	92	1	573	4690	NOT RUN
	VINYL CHLORIDE	UG/L	7	L 20	-	L 20	N-D	N-D	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	19	L 8	58	15	N-D	N-D	NOT RUN
	PHENOL	UG/L	61	L 1	98	L 1	N-D	N-D	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	4	L 3	25	L 3	N-D	N-D	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	1	L 3	-	L 3	N-D	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	1	L 3	-	L 3	N-D	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 3	L 3	-	L 3	54	370	NOT RUN
	NAPHTHALENE	UG/L	30	L 2	93	L 2	460	5200	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	25	4	84	L 2	2200	4100	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	L 2	L 2	-	L 2	440	670	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	6	3	50	L 2	120	790	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	L 3	40	L 3	N-D	N-D	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	N-D	220	NOT RUN
	BENZO (A)PYRENE	UG/L	L 20	L 20	-	L 20	N-D	490	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	L 5	N-D	220	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	L 3	150	510	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	L 3	150	510	NOT RUN
	PYRENE	UG/L	L 3	L 3	-	L 3	55	260	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/08
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 16

SAMPLE DATE ENDING 79/12/08 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMB SLUDGE	OTHER SLUDGE	TAP WATER
PESTICIDES	ALPHA-BHC	NG/L	L 50	360	-	L 50	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	L 50	420	-	L 50	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	290	320	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	780	230	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	L 2	20	20	NOT RUN
	CADMIUM	UG/L	10	3	70	L 2	690	5080	NOT RUN
	CHROMIUM	UG/L	105	38	64	24	5900	25900	NOT RUN
	COPPER	UG/L	156	22	86	11	12900	25200	NOT RUN
	CYANIDE	UG/L	259	175	32	160	39100	20700	NOT RUN
	LEAD	UG/L	147	L 20	86	L 20	10500	55000	NOT RUN
	MERCURY	NG/L	859	200	77	200	L 5000	65000	NOT RUN
	NICKEL	UG/L	81	64	21	64	4500	8400	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	160	250	NOT RUN
	SILVER	UG/L	23	4	83	L 2	50	40	NOT RUN
	ZINC	UG/L	223	55	75	29	23700	48700	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1110	195	82	L 20	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	167	24	86	11	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	35	32	9	30	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1262	307	76	137	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	4	4	-	4	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	49	34	31	34	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	85	84	1	83	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/08
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 16

SAMPLE DATE ENDING 79/12/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMB SLUDGE	OTHER SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	148	11	93	13	11641	9572	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	261	23	91	7	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	424	136	68	64	65600	68000	NOT RUN
	OIL & GREASE	MG/L	26	4	85	17	3100	4750	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	390	472	-	112	680	1797	NOT RUN
	TOTAL SOLIDS	MG/L	662	493	26	458	40095	53079	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	429	455	-	465	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	13	L 1	92	L 1	1000	1000	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	213	52	76	23	31608	42227	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	24	52	-	33	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	214	17	92	5	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	18	11	39	9	121	55	NOT RUN
	TOC	MG/L	99	13	87	32	3970	4950	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	3	21	NOT RUN
	CARBON TETRACHLORIDE	UG/L	399	67	83	4	N-D	N-D	NOT RUN
	CHLOROBENZENE	UG/L	L 1	L 1	-	L 1	2	1	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	3	1	67	L 1	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	24	2885	NOT RUN
	CHLOROFORM	UG/L	73	61	16	10	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	L 1	99	849	NOT RUN
	ETHYLBENZENE	UG/L	4	4	-	L 1	25	41	NOT RUN
	METHYLENE CHLORIDE	UG/L	17	2	88	2	134	124	NOT RUN
	METHYL BROMIDE	UG/L	3	L 20	-	L 20	N-D	N-D	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 1	1	-	L 1	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	26	1	96	L 11	16	13	NOT RUN
	TOLUENE	UG/L	6	L 1	83	L 1	59	75	NOT RUN
	TRICHLOROETHYLENE	UG/L	8	L 1	88	L 1	270	76	NOT RUN
	VINYL CHLORIDE	UG/L	7	L 20	-	L 20	N-D	N-D	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	4	7	-	9	N-D	N-D	NOT RUN
	PHENOL	UG/L	10	L 1	90	L 1	N-D	N-D	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	1	L 3	-	L 3	N-D	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	1	L 3	-	L 3	N-D	960	NOT RUN
	FLUORANTHENE	UG/L	L 3	L 3	-	L 3	35	150	NOT RUN
	NAPHTHALENE	UG/L	L 1	L 2	-	L 2	126	2600	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	15	4	73	17	1100	1600	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	L 1	L 2	-	L 2	120	300	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	4	L 2	50	2	56	270	NOT RUN
	DIETHYL PHTHALATE	UG/L	4	L 3	25	L 3	N-D	N-D	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	N-D	53	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	L 5	N-D	53	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	L 3	67	210	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	L 3	67	210	NOT RUN
	PYRENE	UG/L	L 3	L 3	-	L 3	38	57	NOT RUN
PESTICIDES	ALPHA-BHC	NG/L	533	740	-	L 50	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	L 50	840	-	L 50	N-D	N-D	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/09
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 16

SAMPLE DATE ENDING 79/12/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMB SLUDGE	OTHER SLUDGE	TAP WATER
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	430	150	NOT RUN
	ARSENIC	UG/L	60	72	-	L 50	1400	100	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	L 2	20	20	NOT RUN
	CADMIUM	UG/L	9	L 2	78	L 2	770	2230	NOT RUN
	CHROMIUM	UG/L	77	28	64	19	4500	18900	NOT RUN
	COPPER	UG/L	111	23	79	4	11100	19500	NOT RUN
	CYANIDE	UG/L	207	140	32	106	8530	48300	NOT RUN
	LEAD	UG/L	143	41	71	34	9680	2540	NOT RUN
	MERCURY	NG/L	526	200	62	200	L 4000	L 6000	NOT RUN
	NICKEL	UG/L	30	53	-	56	2000	3600	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	180	120	NOT RUN
	SILVER	UG/L	12	5	58	L 2	30	40	NOT RUN
	ZINC	UG/L	181	37	80	26	18300	39100	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1130	279	75	L 20	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	141	22	84	11	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	32	31	3	30	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1149	361	69	89	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	4	4	-	4	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	44	33	25	32	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	72	75	-	77	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/09
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 17
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/12/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	182	14	92	2775	40265	3769	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	90	3	97	3367	NOT RUN	4300	NOT RUN
	COD	MG/L	360	120	67	6400	54400	5600	NOT RUN
	OIL & GREASE	MG/L	43	11	74	148	7000	384	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	118	148	-	509	1583	729	NOT RUN
	TOTAL SOLIDS	MG/L	601	434	28	4797	54337	4525	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	437	437	-	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	225	72	68	3624	41201	3372	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	94	84	11	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	43	1	98	2233	3000	2950	NOT RUN
	AMMONIA NITROGEN	MG/L	50	14	72	23	101	22	NOT RUN
	TOC	MG/L	78	22	72	329	2330	1230	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	N-D	8	1	NOT RUN
	CARBON TETRACHLORIDE	UG/L	L 1	L 1	-	5	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	47	L 1	98	21	24	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	25	139	N-D	NOT RUN
	CHLOROFORM	UG/L	3	3	-	N-D	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	204	1944	41	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	N-D	54	N-D	NOT RUN
	ETHYLBENZENE	UG/L	25	L 1	96	6	86	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	22	7	68	253	2641	N-D	NOT RUN
	METHYL CHLORIDE	UG/L	L 25	L 25	-	25	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	140	2	99	3	8	N-D	NOT RUN
	TOLUENE	UG/L	49	1	98	56	315	2342	NOT RUN
	TRICHLOROETHYLENE	UG/L	9	L 1	89	22	122	9	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	94	38	60	N-D	260	N-D	NOT RUN
	PHENOL	UG/L	30	L 1	97	N-D	N-D	N-D	NOT RUN
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	N-D	240	N-D	NOT RUN
	NAPHTHALENE	UG/L	3	L 2	33	N-D	N-D	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	27	11	59	820	5300	1500	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	2	L 2	-	160	730	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 2	3	-	N-D	220	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	4	L 3	25	N-D	N-D	N-D	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	150	N-D	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	150	N-D	N-D	NOT RUN
	PYRENE	UG/L	L 3	L 3	-	N-D	230	N-D	NOT RUN
PESTICIDES	BETA-BHC	NG/L	L 100	50	-	N-D	N-D	N-D	NOT RUN
METALS	ARSENIC	UG/L	L 50	L 50	-	48	140	93	NOT RUN
	CADMIUM	UG/L	29	L 2	93	150	770	140	NOT RUN
	CHROMIUM	UG/L	41	L 5	88	600	3600	300	NOT RUN
	COPPER	UG/L	90	12	87	540	7600	780	NOT RUN
	CYANIDE	UG/L	307	I 471	-	600	53400	1060	NOT RUN
	LEAD	UG/L	42	L 20	52	630	12000	890	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/11
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 17
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/12/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	MERCURY	MG/L	300	L 200	33	L 4000	49000	L 18000	NOT RUN
	NICKEL	UG/L	50	35	40	200	950	106	NOT RUN
	SILVER	UG/L	16	L 2	88	140	1100	130	NOT RUN
	ZINC	UG/L	271	36	87	1300	1400	1300	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	944	70	93	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	103	36	65	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	54	50	7	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1090	183	83	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	8	8	-	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	133	99	26	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	54	56	-	NOT RUN	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/11
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 17
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/12/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	217	6	97	2140	64880	2875	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	78	2	97	1500	NOT RUN	1550	NOT RUN
	COD	MG/L	420	100	76	3200	100800	4400	NOT RUN
	OIL & GREASE	MG/L	29	22	24	168	6000	528	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	484	112	77	545	2255	295	NOT RUN
	TOTAL SOLIDS	MG/L	628	435	31	2403	53065	3243	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	431	429	-	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	205	69	66	1624	38148	2359	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	80	75	6	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	35	1	97	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	35	17	51	24	94	23	NOT RUN
	TOC	MG/L	74	19	74	208	5100	880	NOT RUN
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	62	L 1	98	N-D	143	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	13	61	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	N-D	160	N-D	NOT RUN
	CHLOROFORM	UG/L	2	3	-	N-D	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 1	67	203	4306	154	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	N-D	89	N-D	NOT RUN
	ETHYLBENZENE	UG/L	76	L 1	99	26	639	65	NOT RUN
	METHYLENE CHLORIDE	UG/L	25	2	92	7	98	N-D	NOT RUN
	DICHLORODIFLUOROMETHANE	UG/L	L 20	L 20	-	16	110	28	NOT RUN
	TETRACHLOROETHYLENE	UG/L	29	4	86	N-D	N-D	N-D	NOT RUN
	TOLUENE	UG/L	250	5	98	92	1428	98	NOT RUN
	TRICHLOROETHYLENE	UG/L	20	L 1	95	11	N-D	N-D	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	46	39	15	N-D	804	N-D	NOT RUN
	PHENOL	UG/L	6	1	83	390	130	N-D	NOT RUN
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	N-D	106	N-D	NOT RUN
	NAPHTHALENE	UG/L	L 2	L 2	-	N-D	470	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	34	11	68	407	4200	1200	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	L 2	L 2	-	N-D	620	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 2	4	-	N-D	190	N-D	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	N-D	80	N-D	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	N-D	80	N-D	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	N-D	430	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	N-D	430	N-D	NOT RUN
	PYRENE	UG/L	L 3	L 3	-	N-D	105	N-D	NOT RUN
PESTICIDES	HEPTACHLOR	NG/L	170	L 100	41	N-D	N-D	N-D	NOT RUN
	ALPHA-BHC	NG/L	60	L 50	17	N-D	N-D	N-D	NOT RUN
	BETA-BHC	NG/L	L 50	70	-	N-D	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	110	L 50	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	210	L 50	NOT RUN
	CADMIUM	UG/L	22	5	77	67	1000	200	NOT RUN
	CHROMIUM	UG/L	119	10	92	L 230	3800	580	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/12
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 17
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/12/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	COPPER	UG/L	199	40	80	900	13000	1400	NOT RUN
	CYANIDE	UG/L	271	66	76	510	99200	870	NOT RUN
	LEAD	UG/L	50	L 20	60	820	10600	1000	NOT RUN
	MERCURY	MG/L	300	L 200	33	L 4000	10000	L 4000	NOT RUN
	NICKEL	UG/L	24	36	-	67	1000	320	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 100	140	L 100	NOT RUN
	SILVER	UG/L	16	L 2	88	120	1900	290	NOT RUN
	ZINC	UG/L	165	43	74	1500	24000	2700	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	819	127	84	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	103	36	65	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	54	50	7	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1080	210	81	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	9	8	11	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	127	99	22	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	52	54	-	NOT RUN	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/12
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 17
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/12/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	244	15	94	1595	73167	3539	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	73	2	97	900	NOT RUN	4056	NOT RUN
	COD	MG/L	446	116	74	2800	89600	7400	NOT RUN
	OIL & GREASE	MG/L	40	27	32	136	7700	552	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	295	106	64	313	1461	1492	NOT RUN
	TOTAL SOLIDS	MG/L	631	458	27	1815	50430	4317	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	423	435	-	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	245	115	53	1232	38842	3268	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	88	73	17	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	45	21	53	25	87	24	NOT RUN
	TOC	MG/L	102	42	59	335	5580	1210	NOT RUN
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	113	1	99	N-D	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	2	L 1	50	13	125	N-D	NOT RUN
	CHLOROFORM	UG/L	2	3	-	N-D	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	4	L 1	75	63	788	63	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	N-D	102	N-D	NOT RUN
	ETHYLBENZENE	UG/L	20	L 1	95	10	51	1	NOT RUN
	METHYLENE CHLORIDE	UG/L	11	1	91	N-D	25	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	250	7	97	N-D	N-D	N-D	NOT RUN
	TOLUENE	UG/L	45	2	96	31	105	10	NOT RUN
	TRICHLOROETHYLENE	UG/L	13	L 1	92	11	N-D	N-D	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	28	22	21	N-D	N-D	N-D	NOT RUN
	PHENOL	UG/L	4	1	75	720	N-D	280	NOT RUN
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	N-D	96	N-D	NOT RUN
	NAPHTHALENE	UG/L	L 7	L 2	-	N-D	790	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	28	10	64	120	4700	3904	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	L 2	60	N-D	950	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 2	5	-	N-D	260	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	7	L 3	57	N-D	N-D	N-D	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	N-D	77	N-D	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	N-D	77	N-D	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	N-D	460	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	N-D	460	N-D	NOT RUN
	PYRENE	UG/L	L 3	L 3	-	N-D	102	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	140	L 50	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	200	L 50	NOT RUN
	CADMIUM	UG/L	31	5	84	81	2000	480	NOT RUN
	CHROMIUM	UG/L	60	13	78	L 230	6800	880	NOT RUN
	COPPER	UG/L	129	34	74	470	19000	2000	NOT RUN
	CYANIDE	UG/L	207	65	69	580	51600	950	NOT RUN
	LEAD	UG/L	64	28	56	500	13300	1290	NOT RUN
	MERCURY	NG/L	400	L 200	50	L 4000	88000	7000	NOT RUN
	NICKEL	UG/L	41	18	56	120	2000	400	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 100	220	L 100	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/13
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 17
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/12/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	SILVER	UG/L	20	L 2	90	88	4100	310	NOT RUN
	ZINC	UG/L	207	41	80	900	41000	4000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	823	119	86	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	107	36	66	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	57	50	12	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1010	204	80	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	9	9	-	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	130	101	22	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	57	56	2	NOT RUN	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/13
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 17
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/12/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	168	13	92	1191	27462	2347	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	173	12	93	1225	NOT RUN	NOT RUN	10
	COD	MG/L	2320	140	94	3400	66000	5400	NOT RUN
	OIL & GREASE	MG/L	28	25	11	100	7900	468	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	210	118	44	533	3354	698	L 1
	TOTAL SOLIDS	MG/L	608	413	32	1542	52396	3845	158
	TOTAL DISS. SOLIDS	MG/L	458	451	2	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	228	50	78	978	40286	2852	10
	VOLATILE DISS. SOLIDS	MG/L	83	91	-	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	155	8	95	1100	13950	NOT RUN	1
	AMMONIA NITROGEN	MG/L	25	18	28	25	89	23	1
	TOC	MG/L	102	35	66	324	3350	1480	1
VOLATILES	BENZENE	UG/L	3	L 1	67	N-D	21	N-D	L 1
	1,1,1-TRICHLOROETHANE	UG/L	64	1	98	N-D	271	N-D	L 1
	1,1-DICHLOROETHANE	UG/L	2	L 1	50	12	34	N-D	L 1
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	N-D	34	N-D	L 1
	CHLOROFORM	UG/L	2	2	-	N-D	N-D	N-D	15
	1,2-TRANS-DICHLOROETHYLENE	UG/L	4	L 1	75	42	750	27	L 1
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	N-D	96	N-D	L 1
	ETHYLBENZENE	UG/L	5	L 1	80	4	200	2	L 1
	METHYLENE CHLORIDE	UG/L	60	19	68	39	75	7	L 3
	METHYL CHLORIDE	UG/L	L 25	L 25	-	79	N-D	N-D	L 25
	TETRACHLOROETHYLENE	UG/L	200	9	95	N-D	35	N-D	L 1
	TOLUENE	UG/L	42	2	95	27	478	28	L 1
	TRICHLOROETHYLENE	UG/L	19	L 1	95	29	N-D	N-D	L 1
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	2	6	-	N-D	N-D	N-D	L 5
	PHENOL	UG/L	9	1	89	N-D	160	92	L 1
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	N-D	170	N-D	L 3
	NAPHTHALENE	UG/L	7	L 2	71	N-D	1200	N-D	L 2
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	9	9	-	290	7004	833	L 2
	BUTYL BENZYL PHTHALATE	UG/L	L 2	L 2	-	N-D	1200	N-D	L 2
	DI-N-BUTYL PHTHALATE	UG/L	L 2	5	-	N-D	310	N-D	2
	DIETHYL PHTHALATE	UG/L	7	L 3	57	N-D	N-D	N-D	L 3
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	N-D	150	N-D	L 5
	CHRYSENE	UG/L	L 5	L 5	-	N-D	150	N-D	L 5
	ANTHRACENE	UG/L	L 3	L 3	-	N-D	590	N-D	L 3
	PHENANTHRENE	UG/L	L 3	L 3	-	N-D	590	N-D	L 3
	PYRENE	UG/L	L 3	L 3	-	N-D	105	N-D	L 3
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	140	L 50	L 50
	ARSENIC	UG/L	L 50	L 50	-	L 50	240	L 50	L 50
	CADMIUM	UG/L	45	8	82	91	1200	480	L 2
	CHROMIUM	UG/L	190	41	78	230	6000	1000	L 5
	COPPER	UG/L	210	44	79	550	17000	1800	191
	CYANIDE	UG/L	308	72	77	490	70000	940	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 17
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/12/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	LEAD	UG/L	76	L 20	74	470	13300	1180	L 20
	MERCURY	MG/L	500	L 200	60	L 4000	66000	L 4000	L 200
	NICKEL	UG/L	35	17	51	120	2200	330	L 10
	SELENIUM	UG/L	L 50	L 50	-	L 100	250	L 100	L 50
	SILVER	UG/L	27	L 2	93	L 40	3500	270	L 2
	ZINC	UG/L	345	68	80	1100	42000	3800	L 20
NON-CONV. METALS	ALUMINUM	UG/L	849	155	82	NOT RUN	NOT RUN	NOT RUN	L 48
	BARIUM	UG/L	113	41	64	NOT RUN	NOT RUN	NOT RUN	35
	CALCIUM	MG/L	56	51	9	NOT RUN	NOT RUN	NOT RUN	43
	IRON	UG/L	1130	257	77	NOT RUN	NOT RUN	NOT RUN	L 50
	MAGNESIUM	MG/L	9	9	-	NOT RUN	NOT RUN	NOT RUN	L 2
	MANGANESE	UG/L	128	107	16	NOT RUN	NOT RUN	NOT RUN	16
	SODIUM	MG/L	50	55	-	NOT RUN	NOT RUN	NOT RUN	3

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 17
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/12/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	164	14	91	1391	34649	1894	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	177	13	93	1500	NOT RUN	3900	NOT RUN
	COD	MG/L	520	168	68	3000	41600	5800	NOT RUN
	OIL & GREASE	MG/L	33	20	39	252	6200	488	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	130	130	-	429	2316	820	NOT RUN
	TOTAL SOLIDS	MG/L	680	459	32	2455	61061	3902	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	490	448	9	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	293	102	65	1740	47234	2891	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	130	59	55	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	167	12	93	1425	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	28	19	32	28	118	25	NOT RUN
	TOC	MG/L	120	24	80	310	4630	1203	NOT RUN
VOLATILES	BENZENE	UG/L	2	L 1	50	1	12	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	35	L 1	97	N-D	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	9	29	N-D	NOT RUN
	CHLOROFORM	UG/L	2	3	-	N-D	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 1	67	46	620	21	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	N-D	32	N-D	NOT RUN
	ETHYLBENZENE	UG/L	56	L 1	98	17	618	26	NOT RUN
	METHYLENE CHLORIDE	UG/L	10	6	40	N-D	35	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	114	3	97	N-D	N-D	N-D	NOT RUN
	TOLUENE	UG/L	38	L 1	97	18	371	20	NOT RUN
	TRICHLOROETHYLENE	UG/L	8	L 1	88	9	N-D	N-D	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	5	L 5	-	N-D	N-D	N-D	NOT RUN
	PHENOL	UG/L	43	L 1	98	N-D	N-D	2100	NOT RUN
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	N-D	250	N-D	NOT RUN
	NAPHTHALENE	UG/L	10	L 2	80	N-D	1200	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	24	6	75	920	8400	930	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	L 2	60	N-D	1240	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	7	3	57	N-D	250	41	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	N-D	240	N-D	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	N-D	240	N-D	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	36	820	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	36	820	N-D	NOT RUN
	PYRENE	UG/L	L 3	L 3	-	N-D	300	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	150	L 50	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	50	250	L 50	NOT RUN
	CADMIUM	UG/L	29	8	72	40	2100	330	NOT RUN
	CHROMIUM	UG/L	153	110	28	230	6500	1100	NOT RUN
	COPPER	UG/L	240	44	82	660	16000	1900	NOT RUN
	CYANIDE	UG/L	183	56	69	520	60200	920	NOT RUN
	LEAD	UG/L	125	L 20	84	540	13800	1290	NOT RUN
	MERCURY	NG/L	300	L 200	33	5000	41000	49000	NOT RUN
	NICKEL	UG/L	47	25	47	67	1700	300	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 17
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/12/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	SELENIUM	UG/L	L 50	L 50	-	L 100	180	L 100	NOT RUN
	SILVER	UG/L	26	7	73	110	3900	270	NOT RUN
	ZINC	UG/L	339	55	84	1400	36000	3900	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1280	95	93	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	123	45	63	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	54	50	7	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1340	224	83	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	9	9	-	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	127	109	14	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	56	50	11	NOT RUN	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
U = NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 17
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/12/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	187	16	91	1076	32795	2488	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	180	19	89	1125	NOT RUN	4590	NOT RUN
	COD	MG/L	600	120	80	1120	32000	5520	NOT RUN
	OIL & GREASE	MG/L	36	20	44	108	6100	508	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	191	161	16	240	2011	1431	NOT RUN
	TOTAL SOLIDS	MG/L	627	447	29	954	60292	4145	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	532	462	13	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	226	121	46	517	46892	3103	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	178	98	45	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	73	8	89	525	NOT RUN	2650	NOT RUN
	AMMONIA NITROGEN	MG/L	47	19	60	28	157	27	NOT RUN
	TOC	MG/L	96	26	73	192	4630	1070	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	6	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	4	L 1	75	N-D	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	11	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	2	4	-	N-D	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	22	1313	N-D	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	N-D	103	N-D	NOT RUN
	ETHYLBENZENE	UG/L	2	L 1	50	27	246	32	NOT RUN
	METHYLENE CHLORIDE	UG/L	4	[illegible]	50	N-D	N-D	[illegible]-D	NOT RUN
	DICHLORODIFLUOROMETHANE	UG/L	L 20	L [illegible]	-	N-D	174	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	11	[illegible]	91	N-D	42	N-D	NOT RUN
	TOLUENE	UG/L	6	L 1	83	17	407	2500	NOT RUN
	TRICHLOROETHYLENE	UG/L	4	L 1	75	7	N-D	N-D	NOT RUN
ACID EXTRACT	PHENOL	UG/L	4	1	75	N-D	86	1008	NOT RUN
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	N-D	150	N-D	NOT RUN
	NAPHTHALENE	UG/L	L 2	L 2	-	N-D	580	670	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	20	8	60	210	6130	N-D	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	3	L 2	33	N-D	718	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	5	L 2	60	N-D	206	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	6	L 3	50	N-D	N-D	N-D	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	N-D	120	N-D	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	N-D	120	N-D	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	N-D	460	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	N-D	460	N-D	NOT RUN
	PYRENE	UG/L	L 3	L 3	-	N-D	150	N-D	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	130	L 50	62	N-D	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	250	L 50	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	650	L 50	NOT RUN
	CADMIUM	UG/L	5	L 2	60	37	1100	510	NOT RUN
	CHROMIUM	UG/L	83	32	61	L 230	7600	1000	NOT RUN
	COPPER	UG/L	239	36	85	470	24000	2100	NOT RUN
	CYANIDE	UG/L	384	66	83	520	70700	1020	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
[illegible]

DAILY ANALYTICAL RESULTS

PLANT 17
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 79/12/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	LEAD	UG/L	128	39	70	NOT RUN	10800	1470	NOT RUN
	MERCURY	NG/L	300	L 200	33	110000	28000	89000	NOT RUN
	NICKEL	UG/L	L 10	L 10	-	50	1700	250	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 100	150	L 100	NOT RUN
	SILVER	UG/L	13	3	77	50	2900	390	NOT RUN
	ZINC	UG/L	304	63	79	780	43000	4200	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1030	128	88	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	110	37	66	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	56	50	11	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	965	217	78	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	10	9	10	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	134	110	18	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	50	52	-	NOT RUN	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 17
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/12/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	182	8	96	2775	40265	3769
	TOTAL SUSP. SOLIDS	MG/L	90	2	98	3367	NOT RUN	4300
	COD	MG/L	360	601	-	6400	54400	5600
	OIL & GREASE	MG/L	43	24	44	148	7000	384
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	118	87	26	509	1583	729
	TOTAL SOLIDS	MG/L	601	420	30	4797	54337	4525
	TOTAL DISS. SOLIDS	MG/L	437	418	4	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	225	60	73	3624	41201	3372
	VOLATILE DISS. SOLIDS	MG/L	94	60	36	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	43	1	98	2233	3000	2950
	AMMONIA NITROGEN	MG/L	50	21	58	23	101	22
	TOC	MG/L	78	12	85	329	2330	1230
VOLATILES	BENZENE	UG/L	L 1	L 1	-	N-D	8	1
	CARBON TETRACHLORIDE	UG/L	L 1	L 1	-	5	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	47	4	91	21	24	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	25	139	N-D
	CHLOROFORM	UG/L	3	1	67	N-D	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	204	1944	41
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	N-D	54	N-D
	ETHYLBENZENE	UG/L	25	1	96	6	86	N-D
	METHYLENE CHLORIDE	UG/L	22	22	-	253	2641	N-D
	METHYL CHLORIDE	UG/L	L 25	L 25	-	25	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	140	7	95	3	8	N-D
	TOLUENE	UG/L	49	1	98	56	315	2342
	TRICHLOROETHYLENE	UG/L	9	L 1	89	22	122	9
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	94	14	85	N-D	260	N-D
	PHENOL	UG/L	30	2	93	N-D	N-D	N-D
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	N-D	240	N-D
	NAPHTHALENE	UG/L	3	L 2	33	N-D	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	27	3	89	820	5300	1500
	BUTYL BENZYL PHTHALATE	UG/L	2	L 2	-	160	730	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 2	3	-	N-D	220	N-D
	DIETHYL PHTHALATE	UG/L	4	L 3	25	N-D	N-D	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	150	N-D	N-D
	PHENANTHRENE	UG/L	L 3	L 3	-	150	N-D	N-D
	PYRENE	UG/L	L 3	L 3	-	N-D	230	N-D
METALS	ARSENIC	UG/L	L 50	L 50	-	48	140	93
	CADMIUM	UG/L	29	L 2	93	150	770	140
	CHROMIUM	UG/L	41	11	73	600	3600	300
	COPPER	UG/L	90	6	93	540	7600	780
	CYANIDE	UG/L	307	62	80	600	53400	1060
	LEAD	UG/L	42	L 20	52	630	12000	890
	MERCURY	NG/L	300	L 200	33	L 6000	49000	L 18000
	NICKEL	UG/L	58	53	9	200	950	106

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/11
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 17
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/12/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	SILVER	UG/L	16	L 2	88	140	1100	130
	ZINC	UG/L	271	27	90	1300	1400	1300
NON-CONV. METALS	ALUMINUM	UG/L	944	76	92	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	103	52	50	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	54	52	4	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1090	166	85	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	8	9	-	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	133	112	16	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	54	55	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/11
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 17
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/12/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	217	5	98	2140	64880	2875
	TOTAL SUSP. SOLIDS	MG/L	78	3	96	1500	NOT RUN	1550
	COD	MG/L	420	92	78	3200	100800	4400
	OIL & GREASE	MG/L	29	15	48	168	6000	528
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	484	112	77	545	2255	295
	TOTAL SOLIDS	MG/L	628	447	29	2403	53065	3243
	TOTAL DISS. SOLIDS	MG/L	431	439	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	205	48	77	1624	38148	2359
	VOLATILE DISS. SOLIDS	MG/L	80	77	4	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	35	NOT RUN	-	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	35	19	46	24	94	23
	TOC	MG/L	74	11	85	208	5100	880
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	62	5	92	N-D	143	N-D
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	13	61	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	N-D	160	N-D
	CHLOROFORM	UG/L	2	2	-	N-D	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 1	67	203	4306	154
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	N-D	89	N-D
	ETHYLBENZENE	UG/L	76	4	95	26	639	65
	METHYLENE CHLORIDE	UG/L	25	8	68	7	98	N-D
	DICHLORODIFLUOROMETHANE	UG/L	L 20	L 20	-	16	110	28
	TETRACHLOROETHYLENE	UG/L	29	32	-	N-D	N-D	N-D
	TOLUENE	UG/L	250	44	82	92	1428	98
	TRICHLOROETHYLENE	UG/L	20	1	95	11	N-D	N-D
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	46	52	-	N-D	804	N-D
	PHENOL	UG/L	6	1	83	390	130	N-D
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	N-D	106	N-D
	NAPHTHALENE	UG/L	L 2	L 2	-	N-D	470	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	34	8	76	407	4200	1200
	BUTYL BENZYL PHTHALATE	UG/L	L 2	L 2	-	N-D	620	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 2	5	-	N-D	190	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	N-D	80	N-D
	CHRYSENE	UG/L	L 5	L 5	-	N-D	80	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	N-D	430	N-D
	PHENANTHRENE	UG/L	L 3	L 3	-	N-D	430	N-D
	PYRENE	UG/L	L 3	L 3	-	N-D	105	N-D
PESTICIDES	HEPTACHLOR	NG/L	170	L 20	88	N-D	N-D	N-D
	ALPHA-BHC	NG/L	60	L 10	83	N-D	N-D	N-D
	BETA-BHC	NG/L	L 50	70	-	N-D	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	110	L 50
	ARSENIC	UG/L	L 50	L 50	-	L 50	210	L 50
	CADMIUM	UG/L	22	L 2	91	67	1000	200
	CHROMIUM	UG/L	119	9	92	L 230	3800	580

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/12
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 17
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/12/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	COPPER	UG/L	199	13	93	900	13000	1400
	CYANIDE	UG/L	271	NOT RUN	-	510	99200	870
	LEAD	UG/L	50 L	20	60	820	10600	1000
	MERCURY	NG/L	300 L	200	33	L 4000	10000	L 4000
	NICKEL	UG/L	24	38	-	67	1000	320
	SELENIUM	UG/L	L 50	L 50	-	L 100	140	L 100
	SILVER	UG/L	16	L 2	88	120	1900	290
	ZINC	UG/L	165	L 20	88	1500	24000	2700
NON-CONV. METALS	ALUMINUM	UG/L	819	72	91	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	103	43	58	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	54	51	6	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1080	195	82	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	9	9	-	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	127	108	15	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	52	56	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/12
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 17
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/12/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	244	12	95	1595	73167	3539
	TOTAL SUSP. SOLIDS	MG/L	73	2	97	900	NOT RUN	4056
	COD	MG/L	446	112	75	2800	89600	7400
	OIL & GREASE	MG/L	40	15	63	136	7700	552
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	295	87	71	313	1461	1492
	TOTAL SOLIDS	MG/L	631	436	31	1815	50430	4317
	TOTAL DISS. SOLIDS	MG/L	423	407	4	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	245	105	57	1232	38842	3268
	VOLATILE DISS. SOLIDS	MG/L	88	59	33	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	45	22	51	25	87	24
	TOC	MG/L	102	38	63	335	5580	1210
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	113	7	94	N-D	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	2	L 1	50	13	125	N-D
	CHLOROFORM	UG/L	2	1	50	N-D	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	4	L 1	75	63	788	63
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	N-D	102	N-D
	ETHYLBENZENE	UG/L	20	11	45	10	51	1
	METHYLENE CHLORIDE	UG/L	11	3	73	N-D	25	N-D
	TETRACHLOROETHYLENE	UG/L	250	40	84	N-D	N-D	N-D
	TOLUENE	UG/L	45	5	89	31	105	10
	TRICHLOROETHYLENE	UG/L	13	2	85	11	N-D	N-D
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	28	38	-	N-D	N-D	N-D
	PHENOL	UG/L	4	1	75	720	N-D	280
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	N-D	96	N-D
	NAPHTHALENE	UG/L	L 7	L 2	-	N-D	790	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	28	4	86	120	4700	3904
	BUTYL BENZYL PHTHALATE	UG/L	5	L 2	60	N-D	950	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 2	2	-	N-D	260	N-D
	DIETHYL PHTHALATE	UG/L	7	L 3	57	N-D	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	N-D	77	N-D
	CHRYSENE	UG/L	L 5	L 5	-	N-D	77	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	N-D	460	N-D
	PHENANTHRENE	UG/L	L 3	L 3	-	N-D	460	N-D
	PYRENE	UG/L	L 3	L 3	-	N-D	102	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	140	L 50
	ARSENIC	UG/L	L 50	L 50	-	L 50	200	L 50
	CADMIUM	UG/L	31	L 2	94	81	2000	480
	CHROMIUM	UG/L	60	14	77	L 230	6800	880
	COPPER	UG/L	129	20	84	470	19000	2000
	CYANIDE	UG/L	207	51	75	580	51600	950
	LEAD	UG/L	64	L 20	69	500	13300	1290
	MERCURY	MG/L	400	L 200	50	L 4000	88000	7000
	NICKEL	UG/L	41	83	-	120	2000	400
	SELENIUM	UG/L	L 50	L 50	-	L 100	220	L 100

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/13
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 17
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/12/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	SILVER	UG/L	20	L	2	90	88	4100	310
	ZINC	UG/L	207		31	85	900	41000	4000
NON-CONV. METALS	ALUMINUM	UG/L	823		88	89	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	107		46	57	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	57		52	9	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1010		217	79	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	9		8	11	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	130		109	16	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	57		52	9	NOT RUN	NOT RUN	NOT RUN

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POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/13
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 17
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/12/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	168	11	93	1191	27462	2347
	TOTAL SUSP. SOLIDS	MG/L	173	13	92	1225	NOT RUN	NOT RUN
	COD	MG/L	2320	72	97	3400	66000	5400
	OIL & GREASE	MG/L	20	24	14	100	7900	468
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	210	81	61	533	3354	698
	TOTAL SOLIDS	MG/L	608	408	33	1542	52396	3845
	TOTAL DISS. SOLIDS	MG/L	458	418	9	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	228	61	73	978	40286	2852
	VOLATILE DISS. SOLIDS	MG/L	83	68	18	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	155	12	92	1100	13950	NOT RUN
	AMMONIA NITROGEN	MG/L	25	19	24	25	89	23
	TOC	MG/L	102	34	67	324	3350	1480
VOLATILES	BENZENE	UG/L	3	L 1	67	N-D	21	N-D
	1,1,1-TRICHLOROETHANE	UG/L	64	6	91	N-D	271	N-D
	1,1-DICHLOROETHANE	UG/L	2	L 1	50	12	34	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	N-D	34	N-D
	CHLOROFORM	UG/L	2	L 1	50	N-D	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	4	L 1	75	42	750	27
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	N-D	96	N-D
	ETHYLBENZENE	UG/L	5	L 1	80	4	200	2
	METHYLENE CHLORIDE	UG/L	60	39	35	39	75	7
	METHYL CHLORIDE	UG/L	L 25	L 25	-	79	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	200	33	83	N-D	35	N-D
	TOLUENE	UG/L	42	L 1	98	27	478	28
	TRICHLOROETHYLENE	UG/L	19	1	95	29	N-D	N-D
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	2	9	-	N-D	N-D	N-D
	PHENOL	UG/L	9	L 1	89	N-D	140	92
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	N-D	170	N-D
	NAPHTHALENE	UG/L	7	L 2	71	N-D	1200	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	9	3	67	290	7004	833
	BUTYL BENZYL PHTHALATE	UG/L	L 2	L 2	-	N-D	1200	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 2	3	-	N-D	310	N-D
	DIETHYL PHTHALATE	UG/L	7	L 3	57	N-D	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	N-D	150	N-D
	CHRYSENE	UG/L	L 5	L 5	-	N-D	150	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	N-D	590	N-D
	PHENANTHRENE	UG/L	L 3	L 3	-	N-D	590	N-D
	PYRENE	UG/L	L 3	L 3	-	N-D	105	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	140	L 50
	ARSENIC	UG/L	L 50	L 50	-	L 50	240	L 50
	CADMIUM	UG/L	45	L 2	96	91	1200	480
	CHROMIUM	UG/L	190	109	43	230	6000	1000
	COPPER	UG/L	210	11	95	550	17000	1800
	CYANIDE	UG/L	308	51	83	490	70000	940

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 17
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/12/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	LEAD	UG/L	76	L 20	74	470	13300	1180
	MERCURY	NG/L	500	L 200	60	L 4000	66000	L 4000
	NICKEL	UG/L	35	39	-	120	2200	330
	SELENIUM	UG/L	L 50	L 50	-	L 100	250	L 100
	SILVER	UG/L	27	L 2	93	L 40	3500	270
	ZINC	UG/L	345	42	88	1100	42000	3800
NON-CONV. METALS	ALUMINUM	UG/L	849	116	86	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	113	50	56	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	56	53	5	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1130	175	85	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	9	8	11	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	128	108	16	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	50	54	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
D.N. NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 17
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/12/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	164	8	95	1391	34649	1894
	TOTAL SUSP. SOLIDS	MG/L	177	10	94	1500	NOT RUN	3900
	COD	MG/L	520	80	85	3000	41600	5800
	OIL & GREASE	MG/L	33	10	70	252	6200	488
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	130	106	18	429	2316	820
	TOTAL SOLIDS	MG/L	680	430	37	2455	61061	3902
	TOTAL DISS. SOLIDS	MG/L	490	419	14	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	293	95	68	1740	47234	2891
	VOLATILE DISS. SOLIDS	MG/L	130	74	43	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	167	7	96	1425	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	28	22	21	28	118	25
	TOC	MG/L	120	31	74	310	4630	1203
VOLATILES	BENZENE	UG/L	2	L 1	50	1	12	N-D
	1,1,1-TRICHLOROETHANE	UG/L	35	5	86	N-D	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	9	29	N-D
	CHLOROFORM	UG/L	2	1	50	N-D	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 1	67	46	620	21
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	N-D	32	N-D
	ETHYLBENZENE	UG/L	56	2	96	17	618	26
	METHYLENE CHLORIDE	UG/L	10	19	-	N-D	35	N-D
	TETRACHLOROETHYLENE	UG/L	114	16	86	N-D	N-D	N-D
	TOLUENE	UG/L	38	L 1	97	18	371	20
	TRICHLOROETHYLENE	UG/L	8	1	88	9	N-D	N-D
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	5	L 5	-	N-D	N-D	N-D
	PHENOL	UG/L	43	L 1	98	N-D	N-D	2100
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	N-D	250	N-D
	NAPHTHALENE	UG/L	10	L 2	80	N-D	1200	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	24	5	79	920	8400	930
	BUTYL BENZYL PHTHALATE	UG/L	5	L 2	60	N-D	1240	N-D
	DI-N-BUTYL PHTHALATE	UG/L	7	2	71	N-D	250	41
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	N-D	240	N-D
	CHRYSENE	UG/L	L 5	L 5	-	N-D	240	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	36	820	N-D
	PHENANTHRENE	UG/L	L 3	L 3	-	36	820	N-D
	PYRENE	UG/L	L 3	L 3	-	N-D	300	N-D
PESTICIDES	ALPHA-BHC	NG/L	L 100	170	-	N-D	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	150	L 50
	ARSENIC	UG/L	L 50	L 50	-	50	250	L 50
	CADMIUM	UG/L	29	L 2	93	40	2100	330
	CHROMIUM	UG/L	153	39	75	230	6500	1100
	COPPER	UG/L	240	8	97	660	16000	1900
	CYANIDE	UG/L	183	60	67	520	60200	920
	LEAD	UG/L	125	L 20	84	540	13800	1290

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 17
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/12/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	MERCURY	NG/L	300	L 200	33	5000	41000	49000
	NICKEL	UG/L	47	24	49	67	1700	300
	SELENIUM	UG/L	L 50	L 50	-	L 100	180	L 100
	SILVER	UG/L	26	L 2	92	110	3900	270
	ZINC	UG/L	339	45	87	1400	36000	3900
NON-CONV. METALS	ALUMINUM	UG/L	1280	62	95	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	123	46	63	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	54	52	4	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1340	157	88	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	9	8	11	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	127	103	19	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	56	52	7	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 17
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/12/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	187	NOT RUN	-	1076	32795	2488
	TOTAL SUSP. SOLIDS	MG/L	180	17	91	1125	NOT RUN	4500
	COD	MG/L	600	64	89	1120	32000	5520
	OIL & GREASE	MG/L	36	6	83	108	6100	508
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	191	118	38	240	2011	1431
	TOTAL SOLIDS	MG/L	627	408	35	954	60292	4145
	TOTAL DISS. SOLIDS	MG/L	532	411	23	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	226	76	66	517	46892	3103
	VOLATILE DISS. SOLIDS	MG/L	178	42	76	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	73	6	92	525	NOT RUN	2650
	AMMONIA NITROGEN	MG/L	47	22	53	28	157	27
	TOC	MG/L	96	22	77	192	4630	1070
VOLATILES	BENZENE	UG/L	L 1	L 1	-	6	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	4	3	25	N-D	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	11	N-D	N-D
	CHLOROFORM	UG/L	2	1	50	N-D	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	22	1313	N-D
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	N-D	103	N-D
	ETHYLBENZENE	UG/L	2	L 1	50	27	246	32
	METHYLENE CHLORIDE	UG/L	4	3	25	N-D	N-D	N-D
	DICHLORODIFLUOROMETHANE	UG/L	L 20	L 20	-	N-D	174	N-D
	TETRACHLOROETHYLENE	UG/L	11	4	64	N-D	42	N-D
	TOLUENE	UG/L	6	L 1	83	17	407	2500
	TRICHLOROETHYLENE	UG/L	4	L 1	75	7	N-D	N-D
ACID EXTRACT	PHENOL	UG/L	4	L 1	75	N-D	86	1008
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 3	L 3	-	N-D	150	N-D
	NAPHTHALENE	UG/L	L 2	L 2	-	N-D	580	670
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	20	6	70	210	6130	N-D
	BUTYL BENZYL PHTHALATE	UG/L	3	L 2	33	N-D	718	N-D
	DI-N-BUTYL PHTHALATE	UG/L	5	L 2	60	N-D	206	N-D
	DIETHYL PHTHALATE	UG/L	6	L 3	50	N-D	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	N-D	120	N-D
	CHRYSENE	UG/L	L 5	L 5	-	N-D	120	N-D
	ANTHRACENE	UG/L	L 3	L 3	-	N-D	460	N-D
	PHENANTHRENE	UG/L	L 3	L 3	-	N-D	460	N-D
	PYRENE	UG/L	L 3	L 3	-	N-D	150	N-D
PESTICIDES	GAMMA-BHC	NG/L	130	L 50	62	N-D	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	250	L 50
	ARSENIC	UG/L	L 50	L 50	-	L 50	650	L 50
	CADMIUM	UG/L	5	L 2	60	37	1100	510
	CHROMIUM	UG/L	83	22	73	L 230	7600	1000
	COPPER	UG/L	239	12	95	470	24000	2100
	CYANIDE	UG/L	384	45	88	520	70700	1020

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 17
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 79/12/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	LEAD	UG/L	128	L 20	84	NOT RUN	10800	1470
	MERCURY	NG/L	300	L 200	33	110000	28000	89000
	NICKEL	UG/L	L 10	27	-	50	1700	250
	SELENIUM	UG/L	L 50	L 50	-	L 100	150	L 100
	SILVER	UG/L	13	L 2	85	50	2900	390
	ZINC	UG/L	304	36	88	780	43000	4200
NON-CONV. METALS	ALUMINUM	UG/L	1030	52	95	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	110	44	60	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	56	51	9	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	965	178	82	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	10	9	10	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	134	104	22	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	50	52	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 18

SAMPLE DATE ENDING 80/01/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	266	45	83	19546	10250	NOT RUN
	COD	MG/L	440	76	83	48000	13280	NOT RUN
	OIL & GREASE	MG/L	68	20	71	7900	830	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	777	118	85	2279	356	NOT RUN
	TOTAL SOLIDS	MG/L	451	228	49	53888	10797	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	140	242	-	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	17	L 1	94	980	990	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	200	25	88	32472	7343	NOT RUN
	AMMONIA NITROGEN	MG/L	11	9	18	39	13	NOT RUN
	TOC	MG/L	103	49	52	526	402	NOT RUN
VOLATILES	BENZENE	UG/L	11	L 1	91	63	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	12	3	75	91	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	1044	11	NOT RUN
	CHLOROFORM	UG/L	2	1	50	40	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	92	N-D	NOT RUN
	ETHYLBENZENE	UG/L	7	L 1	86	209	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	46	9	80	60	6	NOT RUN
	TRICHLOROFLUOROMETHANE	UG/L	1	L 1	-	60	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	8	6	25	N-D	N-D	NOT RUN
	TOLUENE	UG/L	29	L 1	97	328	15	NOT RUN
	TRICHLOROETHYLENE	UG/L	18	2	89	231	N-D	NOT RUN
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	L 2	L 2	-	141	N-D	NOT RUN
	2,4-DIMETHYLPHENOL	UG/L	2	L 2	-	N-D	N-D	NOT RUN
	PHENOL	UG/L	88	L 1	99	306	115	NOT RUN
BASE-NEUTRALS	NAPHTHALENE	UG/L	4	L 2	50	478	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	56	L 2	96	5772	20115	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	4	L 2	50	N-D	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 2	2	-	483	N-D	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 3	L 3	-	563	1024	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	166	N-D	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	166	N-D	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	1465	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	1465	N-D	NOT RUN
	PYRENE	UG/L	L 3	L 3	-	135	N-D	NOT RUN
PESTICIDES	ALPHA-BHC	NG/L	L 100	150	-	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	L 100	60	-	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	22	28	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	12	20	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	300	78	NOT RUN
	CHROMIUM	UG/L	51	9	82	2600	290	NOT RUN
	COPPER	UG/L	149	6	96	8400	1800	NOT RUN
	CYANIDE	UG/L	162	130	20	30300	5500	NOT RUN
	LEAD	UG/L	148	42	72	27000	7600	NOT RUN
	MERCURY	NG/L	400	200	50	180000	29000	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/01/29
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 18

SAMPLE DATE ENDING 80/01/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	NICKEL	UG/L	18		13	28	170	110	NOT RUN
	SILVER	UG/L	21	L	2	90	640	190	NOT RUN
	ZINC	UG/L	390		80	79	14000	3600	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	3580		416	88	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	114		18	84	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	20		20	-	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	2560		392	85	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	4		4	-	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	160		110	31	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	56		56	-	NOT RUN	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 18

SAMPLE DATE ENDING 80/01/30 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	233	42	82	26712	9034	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	205	22	89	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	2340	80	97	222400	24000	NOT RUN
	OIL & GREASE	MG/L	38	16	58	4600	870	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	735	81	89	3116	130	NOT RUN
	TOTAL SOLIDS	MG/L	519	314	39	81214	11001	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	251	254	-	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	10	L 1	90	1000	995	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	235	47	80	49904	7486	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	137	77	44	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	125	16	87	NOT RUN	8333	NOT RUN
	AMMONIA NITROGEN	MG/L	11	8	27	79	12	NOT RUN
	TOC	MG/L	141	29	79	1415	414	NOT RUN
VOLATILES	BENZENE	UG/L	12	L 1	92	27	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	29	6	79	97	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	416	9	NOT RUN
	CHLOROFORM	UG/L	2	L 1	50	29	N-D.	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	47	N-D	NOT RUN
	ETHYLBENZENE	UG/L	10	L 1	90	188	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	190	53	72	15	2	NOT RUN
	TRICHLOROFLUOROMETHANE	UG/L	L 1	L 1	-	15	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	7	2	71	N-D	N-D	NOT RUN
	TOLUENE	UG/L	30	L 1	97	279	10	NOT RUN
	TRICHLOROETHYLENE	UG/L	14	3	79	109	N-D	NOT RUN
ACID EXTRACT	2-CHLOROPHENOL	UG/L	L 1	L 1	-	48	N-D	NOT RUN
	2,4-DICHLOROPHENOL	UG/L	L 2	L 2	-	24	N-D	NOT RUN
	PENTACHLOROPHENOL	UG/L	8	L 5	38	N-D	N-D	NOT RUN
	PHENOL	UG/L	2	L 1	50	124	393	NOT RUN
BASE-NEUTRALS	NAPHTHALENE	UG/L	L 2	L 2	-	308	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	18	3	83	4003	18784	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	L 2	60	1390	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 2	2	-	322	N-D	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 3	L 3	-	N-D	844	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	120	N-D	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	120	N-D	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	988	N-D	NOT RUN
	FLUORENE	UG/L	L 3	L 3	-	298	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	988	N-D	NOT RUN
	PYRENE	UG/L	L 3	L 3	-	107	N-D	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	170	70	59	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	200	50	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	240	80	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	690	120	NOT RUN
	CHROMIUM	UG/L	61	10	84	6700	280	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/01/30
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 18

SAMPLE DATE ENDING 80/01/30 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	COPPER	UG/L	125	6	95	11000	3100	NOT RUN
	CYANIDE	UG/L	178	121	32	23600	4200	NOT RUN
	LEAD	UG/L	100	L 20	80	25000	4800	NOT RUN
	MERCURY	NG/L	600	200	67	220000	L 3000	NOT RUN
	NICKEL	UG/L	23	16	30	2900	150	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	190	L 100	NOT RUN
	SILVER	UG/L	22	L 2	91	1100	1300	NOT RUN
	ZINC	UG/L	288	63	78	52000	5000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	3280	386	88	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	121	16	87	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	17	16	6	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	2270	332	85	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	4	3	25	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	147	96	35	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	44	49	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/01/30
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 18

SAMPLE DATE ENDING 80/01/31 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	287	29	90	21778	5396	2
	TOTAL SUSP. SOLIDS	MG/L	390	25	94	NOT RUN	10667	2
	COD	MG/L	560	100	82	84800	16800	0
	OIL & GREASE	MG/L	40	21	47	7900	900	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	289	45	84	3598	124	NOT RUN
	TOTAL SOLIDS	MG/L	658	380	42	79370	11029	29
	TOTAL DISS. SOLIDS	MG/L	252	264	-	NOT RUN	NOT RUN	37
	SETTLEABLE SOLIDS	ML/L	23	L 1	96	1000	1000	L 1
	TOTAL VOLATILE SOLIDS	MG/L	270	43	84	45009	7447	25
	VOLATILE DISS. SOLIDS	MG/L	132	60	55	NOT RUN	NOT RUN	13
	TOTAL VOL. SUS. SOLIDS	MG/L	284	15	95	NOT RUN	5666	1
	AMMONIA NITROGEN	MG/L	13	8	38	56	10	T 1
	TOC	MG/L	103	24	77	718	383	16
VOLATILES	BENZENE	UG/L	12	L 1	92	36	N-D	L 1
	1,1,1-TRICHLOROETHANE	UG/L	21	5	76	116	N-D	L 1
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	N-D	13	L 1
	CHLOROFORM	UG/L	2	L 1	50	32	N-D	3
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	199	N-D	L 1
	ETHYLBENZENE	UG/L	8	L 1	88	N-D	N-D	L 1
	METHYLENE CHLORIDE	UG/L	21	L 32	-	25	N-D	2
	TRICHLOROFLUOROMETHANE	UG/L	L 1	L 1	-	25	N-D	L 1
	TETRACHLOROETHYLENE	UG/L	9	5	44	N-D	N-D	6
	TOLUENE	UG/L	46	L 1	98	321	10	L 1
	TRICHLOROETHYLENE	UG/L	27	2	93	258	N-D	L 1
ACID EXTRACT	2-CHLOROPHENOL	UG/L	1	L 1	-	N-D	N-D	L 1
	2,4-DICHLOROPHENOL	UG/L	12	3	75	78	N-D	L 2
	PHENOL	UG/L	6	1	83	N-D	344	L 1
BASE-NEUTRALS	NAPHTHALENE	UG/L	L 2	L 2	-	370	N-D	L 2
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 2	18	-	4266	769	2
	BUTYL BENZYL PHTHALATE	UG/L	L 2	L 2	-	2717	N-D	L 2
	DI-N-BUTYL PHTHALATE	UG/L	18	3	83	487	57	L 2
	DI-N-OCTYL PHTHALATE	UG/L	210	L 3	99	N-D	N-D	L 3
	DIETHYL PHTHALATE	UG/L	L 3	L 3	-	N-D	786	L 3
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	135	N-D	L 5
	CHRYSENE	UG/L	L 5	L 5	-	135	N-D	L 5
	ANTHRACENE	UG/L	L 3	L 3	-	1389	N-D	L 3
	FLUORENE	UG/L	L 3	L 3	-	423	N-D	L 3
	PHENANTHRENE	UG/L	L 3	L 3	-	1389	N-D	L 3
	PYRENE	UG/L	L 3	L 3	-	102	N-D	L 3
PESTICIDES	ALPHA-BHC	NG/L	150	L 10	93	N-D	N-D	L 10
	GAMMA-BHC	NG/L	120	80	33	N-D	N-D	L 10
METALS	ANTIMONY	UG/L	L 50	L 50	-	228	60	L 50
	ARSENIC	UG/L	L 50	L 50	-	360	50	L 50
	CADMIUM	UG/L	5	L 2	60	380	110	L 2

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/01/31
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 18

SAMPLE DATE ENDING 80/01/31 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	CHROMIUM	UG/L	73	15	79	5200	230	L 5
	COPPER	UG/L	127	15	88	13000	3700	10
	CYANIDE	UG/L	195	122	37	28800	5500	NOT RUN
	LEAD	UG/L	120	48	60	20000	4700	L 20
	MERCURY	NG/L	500	200	60	190000	L 3000	L 200
	NICKEL	UG/L	20	18	10	1500	180	L 10
	SELENIUM	UG/L	L 50	L 50	-	250	L 100	L 50
	SILVER	UG/L	19	5	74	1300	500	L 2
	ZINC	UG/L	309	84	73	54000	5700	168
NON-CONV. METALS	ALUMINUM	UG/L	5050	465	91	NOT RUN	NOT RUN	38
	BARIUM	UG/L	110	19	83	NOT RUN	NOT RUN	L 2
	CALCIUM	MG/L	17	15	12	NOT RUN	NOT RUN	L 2
	IRON	UG/L	2710	429	84	NOT RUN	NOT RUN	68
	MAGNESIUM	MG/L	4	3	25	NOT RUN	NOT RUN	L 2
	MANGANESE	UG/L	157	99	37	NOT RUN	NOT RUN	3
	SODIUM	MG/L	57	51	11	NOT RUN	NOT RUN	L 2

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/01/31
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 18

SAMPLE DATE ENDING 80/02/01 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	241	29	88	26404	8234	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	244	20	92	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	520	132	75	110400	15200	NOT RUN
	OIL & GREASE	MG/L	38	14	63	12100	850	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	2438	69	97	2927	155	NOT RUN
	TOTAL SOLIDS	MG/L	492	312	37	89168	11283	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	284	304	-	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	8	L 1	88	1000	980	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	200	39	80	45524	7860	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	196	78	60	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	114	14	88	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	12	7	42	121	10	NOT RUN
	TOC	MG/L	101	44	56	749	387	NOT RUN
VOLATILES	BENZENE	UG/L	16	L 1	94	44	N-D	NOT RUN
	1,2-DICHLOROETHANE	UG/L	1	L 1	-	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	260	17	93	122	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	9	L 1	89	66	7	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	29	20	NOT RUN
	CHLOROFORM	UG/L	3	L 1	67	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	610	6	NOT RUN
	ETHYLBENZENE	UG/L	39	L 1	97	2166	35	NOT RUN
	METHYLENE CHLORIDE	UG/L	11	6	45	23	2	NOT RUN
	TRICHLOROFLUOROMETHANE	UG/L	L 1	L 1	-	23	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	15	4	73	N-D	N-D	NOT RUN
	TOLUENE	UG/L	58	L 1	98	534	37	NOT RUN
	TRICHLOROETHYLENE	UG/L	57	3	95	87	12	NOT RUN
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	L 2	L 2	-	233	N-D	NOT RUN
	PHENOL	UG/L	24	L 1	96	54	109	NOT RUN
BASE-NEUTRALS	NAPHTHALENE	UG/L	6	L 2	67	325	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	54	220	-	4584	3921	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	L 2	60	476	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 2	L 2	-	297	256	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 3	13	-	N-D	N-D	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	147	N-D	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	147	N-D	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	1325	N-D	NOT RUN
	FLUORENE	UG/L	L 3	L 3	-	351	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	1325	N-D	NOT RUN
	PYRENE	UG/L	L 3	L 3	-	112	N-D	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	80	90	-	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	280	50	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	440	60	NOT RUN
	CADMIUM	UG/L	4	L 2	50	180	130	NOT RUN
	CHROMIUM	UG/L	47	11	77	1300	360	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/01

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 18

SAMPLE DATE ENDING 80/02/01 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	COPPER	UG/L	132	8	94	16000	3800	NOT RUN
	CYANIDE	UG/L	203	119	41	22800	6900	NOT RUN
	LEAD	UG/L	83	26	69	18000	4800	NOT RUN
	MERCURY	NG/L	700	200	71	180000	L 3000	NOT RUN
	NICKEL	UG/L	21	20	5	580	140	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	170	L 100	NOT RUN
	SILVER	UG/L	16	4	75	1300	430	NOT RUN
	ZINC	UG/L	384	77	80	14000	5900	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	5080	439	91	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	131	17	87	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	17	15	12	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	2560	359	86	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	4	3	25	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	145	89	39	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	57	66	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/01
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
D OR ND=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 18

SAMPLE DATE ENDING 80/02/02 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	136	28	79	35863	9533	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	360	24	93	NOT RUN	12000	NOT RUN
	COD	MG/L	340	56	84	72000	22400	NOT RUN
	OIL & GREASE	MG/L	42	15	64	10500	880	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	155	118	24	2792	301	NOT RUN
	TOTAL SOLIDS	MG/L	449	252	44	99484	11303	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	217	225	-	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	6	L 1	83	1000	1000	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	185	66	64	49187	7788	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	22	45	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	155	16	90	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	3	5	-	61	11	NOT RUN
	TOC	MG/L	472	16	97	820	379	NOT RUN
VOLATILES	BENZENE	UG/L	4	L 1	75	45	2	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	48	20	58	454	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	24	6	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	107	N-D	NOT RUN
	CHLOROFORM	UG/L	1	L 1	-	10	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	213	8	NOT RUN
	ETHYLBENZENE	UG/L	9	L 1	89	1071	3	NOT RUN
	METHYLENE CHLORIDE	UG/L	27	7	74	91	2	NOT RUN
	TRICHLOROFLUOROMETHANE	UG/L	L 1	L 1	-	91	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	8	6	25	N-D	N-D	NOT RUN
	TOLUENE	UG/L	25	L 1	96	486	49	NOT RUN
	TRICHLOROETHYLENE	UG/L	15	6	60	604	4	NOT RUN
ACID EXTRACT	2-CHLOROPHENOL	UG/L	L 1	L 1	-	69	N-D	NOT RUN
	2,4-DICHLOROPHENOL	UG/L	L 2	L 2	-	298	N-D	NOT RUN
	PHENOL	UG/L	1	L 1	-	98	268	NOT RUN
BASE-NEUTRALS	NAPHTHALENE	UG/L	L 2	L 2	-	312	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	41	25	39	6368	3843	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	L 2	60	1721	197	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 2	L 2	-	331	93	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	117	N-D	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	117	N-D	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	841	N-D	NOT RUN
	FLUORENE	UG/L	L 3	L 3	-	210	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	841	N-D	NOT RUN
	PYRENE	UG/L	L 3	L 3	-	100	N-D	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	60	70	-	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	340	60	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	560	60	NOT RUN
	CADMIUM	UG/L	5	L 2	60	270	110	NOT RUN
	CHROMIUM	UG/L	50	11	78	3400	420	NOT RUN
	COPPER	UG/L	120	3	98	26000	3600	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/02

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 18

SAMPLE DATE ENDING 80/02/02 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	CYANIDE	UG/L	162	103	36	25600	5300	NOT RUN
	LEAD	UG/L	265	23	91	35000	4000	NOT RUN
	MERCURY	NG/L	700	L 200	71	260000	L 3000	NOT RUN
	NICKEL	UG/L	46	17	63	2200	150	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	130	L 100	NOT RUN
	SILVER	UG/L	9	3	67	1400	440	NOT RUN
	ZINC	UG/L	432	93	78	38000	5800	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	7420	463	94	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	130	16	88	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	14	13	7	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	8410	370	96	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3	3	-	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	199	89	55	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	29	44	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/02
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 18

SAMPLE DATE ENDING 80/02/03 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	84	48	43	21154	8878	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	140	15	89	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	100	48	52	46400	13600	NOT RUN
	OIL & GREASE	MG/L	48	14	71	11600	790	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	112	69	38	2512	124	NOT RUN
	TOTAL SOLIDS	MG/L	299	189	37	104519	10819	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	154	145	6	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	3	L 1	67	1000	1000	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	98	32	67	44686	7143	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	23	25	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	80	14	82	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	NOT RUN	3	-	47	5	NOT RUN
	TOC	MG/L	49	53	-	945	367	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	47	3	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	5	5	-	171	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	N-D	10	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	66	16	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	199	10	NOT RUN
	ETHYLBENZENE	UG/L	L 1	L 1	-	555	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	4	4	-	48	2	NOT RUN
	TRICHLOROFLUOROMETHANE	UG/L	L 1	L 1	-	48	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	5	2	60	N-D	N-D	NOT RUN
	TOLUENE	UG/L	14	L 1	93	437	66	NOT RUN
	TRICHLOROETHYLENE	UG/L	4	4	-	179	NOT RUN	NOT RUN
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	L 2	L 2	-	90	N-D	NOT RUN
	PHENOL	UG/L	L 1	L 1	-	94	106	NOT RUN
BASE-NEUTRALS	NAPHTHALENE	UG/L	L 2	L 2	-	192	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	250	21	92	355	998	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	2	L 2	-	1082	64	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	4	2	50	221	53	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	18	L 3	83	N-D	N-D	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	138	N-D	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	138	N-D	NOT RUN
	ANTHRACENE	UG/L	L 3	L 3	-	729	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 3	L 3	-	729	N-D	NOT RUN
	PYRENE	UG/L	L 3	L 3	-	100	N-D	NOT RUN
PESTICIDES	ALPHA-BHC	NG/L	L 10	160	-	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	L 270	10	-	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	270	50	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	490	70	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	260	310	NOT RUN
	CHROMIUM	UG/L	25	8	68	2100	1800	NOT RUN
	COPPER	UG/L	42	L 2	95	14000	3700	NOT RUN
	CYANIDE	UG/L	112	83	26	20400	4000	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/03
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 18

SAMPLE DATE ENDING 80/02/03 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE		SECONDARY SLUDGE		TAP WATER
METALS	LEAD	UG/L	97	L	20	79	28000		5300		NOT RUN
	MERCURY	MG/L	200		400	-	190000	L	3000		NOT RUN
	NICKEL	UG/L	15	L	20	-	740		64		NOT RUN
	SILVER	UG/L	2	L	3	-	730		490		NOT RUN
	ZINC	UG/L	176		50	72	22000		8700		NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	5050		335	93	NOT RUN		NOT RUN		NOT RUN
	BARIUM	UG/L	61		15	75	NOT RUN		NOT RUN		NOT RUN
	CALCIUM	MG/L	11	L	8	27	NOT RUN		NOT RUN		NOT RUN
	IRON	UG/L	6110		311	95	NOT RUN		NOT RUN		NOT RUN
	MAGNESIUM	MG/L	3	L	2	33	NOT RUN		NOT RUN		NOT RUN
	MANGANESE	UG/L	162		74	54	NOT RUN		NOT RUN		NOT RUN
	SODIUM	MG/L	24		29	-	NOT RUN		NOT RUN		NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/03
L=LESS THAN; G=GREATER THAN; T=TRACE;] OR J=INTERFERENCE; U=UNCONFIRMED;
[illegible] NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 19
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/02/05 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	352	43	88	340	21154	11833
	TOTAL SUSP. SOLIDS	MG/L	145	24	83	110	NOT RUN	17000
	COD	MG/L	592	136	77	632	72000	22400
	OIL & GREASE	MG/L	202	20	90	36	6900	610
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	2041	155	92	2866	2560	1644
	TOTAL SOLIDS	MG/L	1053	788	25	1038	57300	18503
	TOTAL DISS. SOLIDS	MG/L	780	711	9	735	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	328	124	62	335	39116	13650
	VOLATILE DISS. SOLIDS	MG/L	97	92	5	80	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	108	20	81	73	NOT RUN	12000
	AMMONIA NITROGEN	MG/L	33	27	18	31	95	56
	TOC	MG/L	164	51	69	186	928	615
VOLATILES	BENZENE	UG/L	3	L 1	67	4	33	6
	CHLOROBENZENE	UG/L	3	L 1	67	4	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	25	18	28	22	90	32
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	L 1	N-D	15
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	2	520	N-D
	CHLOROFORM	UG/L	21	19	10	22	33	15
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 1	67	3	N-D	354
	1,2-DICHLOROPROPANE	UG/L	2	1	50	2	N-D	N-D
	ETHYLBENZENE	UG/L	11	3	73	14	195	N-D
	METHYLENE CHLORIDE	UG/L	164	101	38	92	52	42
	METHYL CHLORIDE	UG/L	L 25	430	-	240	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	14	19	-	21	N-D	N-D
	TOLUENE	UG/L	45	2	96	54	726	39
	TRICHLOROETHYLENE	UG/L	13	N-D	99+	9	373	15
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	L 2	L 2	-	L 2	11	N-D
	2-CHLOROPHENOL	UG/L	3	L 1	67	6	25	N-D
	2,4-DICHLOROPHENOL	UG/L	L 2	3	-	L 2	25	N-D
	2,4-DIMETHYLPHENOL	UG/L	L 2	2	-	L 2	N-D	N-D
	PHENOL	UG/L	150	L 1	99	86	769	70
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	741	156
	1,2-DICHLOROBENZENE	UG/L	19	7	63	13	1237	279
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	494	109
	1,4-DICHLOROBENZENE	UG/L	8	5	38	8	401	95
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	90	26
	NAPHTHALENE	UG/L	3	L 3	-	4	205	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	29	31	-	76	4064	1795
	BUTYL BENZYL PHTHALATE	UG/L	10	L 3	70	11	1760	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	L 4	279	55
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	10	N-D	N-D
	DIETHYL PHTHALATE	UG/L	7	L 5	29	5	N-D	N-D
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	166	N-D
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	166	N-D
	PYRENE	UG/L	L 4	L 4	-	L 4	23	14

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/05
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 19
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/02/05 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	32	23
	ARSENIC	UG/L	L 50	L 50	-	L 50	22	24
	CADMIUM	UG/L	19	L 2	89	10	900	290
	CHROMIUM	UG/L	131	27	79	101	5800	1700
	COPPER	UG/L	115	15	87	94	7800	1800
	CYANIDE	UG/L	383	250	35	442	245000	30000
	LEAD	UG/L	60	L 50	17	L 50	15000	5100
	MERCURY	MG/L	700	400	43	800	18000	56000
	NICKEL	UG/L	55	26	53	46	510	150
	SILVER	UG/L	15	L 5	67	15	1100	250
	ZINC	UG/L	235	55	77	255	19000	8600
NON-CONV. METALS	ALUMINUM	UG/L	3250	248	92	3230	NOT RUN	NOT RUN
	BARIUM	UG/L	128	17	87	98	NOT RUN	NOT RUN
	CALCIUM	MG/L	29	27	7	30	NOT RUN	NOT RUN
	IRON	UG/L	1780	662	63	2280	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	16	17	-	17	NOT RUN	NOT RUN
	MANGANESE	UG/L	125	123	2	132	NOT RUN	NOT RUN
	SODIUM	MG/L	155	153	1	155	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/05
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 19
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/02/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	438	50	89	365	23173	9500
	TOTAL SUSP. SOLIDS	MG/L	190	32	83	143	NOT RUN	NOT RUN
	COD	MG/L	808	164	80	704	105600	21600
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1797	423	76	1706	2499	973
	TOTAL SOLIDS	MG/L	1242	794	36	1034	61489	18124
	TOTAL DISS. SOLIDS	MG/L	794	718	10	629	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	540	97	82	340	43127	13422
	VOLATILE DISS. SOLIDS	MG/L	123	97	21	69	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	140	25	82	73	NOT RUN	16500
	AMMONIA NITROGEN	MG/L	32	26	19	30	86	43
	TOC	MG/L	209	96	54	191	939	555
VOLATILES	BENZENE	UG/L	3	L 1	67	3	18	N-D
	CHLOROBENZENE	UG/L	5	L 1	80	3	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	33	14	58	22	98	27
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	N-D	11
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	759	3
	CHLOROFORM	UG/L	19	17	11	24	33	11
	1,2-TRANS-DICHLOROETHYLENE	UG/L	20	L 1	95	3	44	748
	1,2-DICHLOROPROPANE	UG/L	1	1	-	1	N-D	N-D
	ETHYLBENZENE	UG/L	32	4	88	23	383	32
	METHYLENE CHLORIDE	UG/L	68	51	25	82	43	51
	METHYL CHLORIDE	UG/L	L 25	210	-	980	N-D	N-D
	METHYL BROMIDE	UG/L	L 20	31	-	660	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	9	24	-	42	N-D	N-D
	TOLUENE	UG/L	87	4	95	79	885	47
	TRICHLOROETHYLENE	UG/L	113	59	48	104	931	N-D
	VINYL CHLORIDE	UG/L	L 20	L 20	-	280	N-D	N-D
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	L 2	L 2	-	L 2	16	N-D
	2-CHLOROPHENOL	UG/L	L 1	L 1	-	2	41	N-D
	2,4-DICHLOROPHENOL	UG/L	L 2	3	-	L 2	33	N-D
	2,4-DIMETHYLPHENOL	UG/L	L 2	9	-	2	N-D	N-D
	PHENOL	UG/L	19	L 1	95	24	677	28
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	500	66
	1,2-DICHLOROBENZENE	UG/L	24	8	67	13	1294	140
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	255	54
	1,4-DICHLOROBENZENE	UG/L	6	L 5	17	L 5	413	74
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	108	44
	NAPHTHALENE	UG/L	L 3	L 3	-	3	304	11
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	69	35	49	58	2761	1192
	BUTYL BENZYL PHTHALATE	UG/L	54	L 3	94	29	2883	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	L 4	344	72
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	L 5	111	37
	DIETHYL PHTHALATE	UG/L	6	L 5	17	6	N-D	N-D
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	239	N-D
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	239	N-D

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/06
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 19
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/02/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
BASE-NEUTRALS	PYRENE	UG/L	L 4	L 4	-	L 4	27	19
PESTICIDES	GAMMA-BHC	NG/L	L 50	L 50	-	160	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	170	80
	ARSENIC	UG/L	L 50	L 50	-	L 50	330	140
	CADMIUM	UG/L	9	L 2	78	8	1100	170
	CHROMIUM	UG/L	226	44	81	113	2400	680
	COPPER	UG/L	120	15	88	87	13000	3600
	CYANIDE	UG/L	1730	260	85	795	199000	65400
	LEAD	UG/L	L 50	L 50	-	L 50	12000	3800
	MERCURY	NG/L	700	L 200	71	800	310000	130000
	NICKEL	UG/L	49	40	18	51	1100	270
	SELENIUM	UG/L	L 50	L 50	-	L 50	280	L 100
	SILVER	UG/L	11	L 5	55	8	970	430
	ZINC	UG/L	212	85	60	283	26000	12000
NON-CONV. METALS	ALUMINUM	UG/L	1180	283	76	1740	NOT RUN	NOT RUN
	BARIUM	UG/L	112	19	83	103	NOT RUN	NOT RUN
	CALCIUM	MG/L	30	27	10	29	NOT RUN	NOT RUN
	IRON	UG/L	1620	825	49	2120	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	16	16	-	16	NOT RUN	NOT RUN
	MANGANESE	UG/L	108	116	-	112	NOT RUN	NOT RUN
	SODIUM	MG/L	150	148	1	149	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/06
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 19
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/02/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	362	45	88	350	18709	8633
	TOTAL SUSP. SOLIDS	MG/L	153	35	77	118	NOT RUN	20500
	COD	MG/L	560	136	76	1046	96000	20800
	OIL & GREASE	MG/L	NOT RUN	NOT RUN	-	NOT RUN	5400	360
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1339	606	55	1828	1706	362
	TOTAL SOLIDS	MG/L	950	756	20	942	53368	18403
	TOTAL DISS. SOLIDS	MG/L	683	663	3	661	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	320	125	61	312	38967	13847
	VOLATILE DISS. SOLIDS	MG/L	86	84	2	85	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	113	28	75	60	6300	12500
	AMMONIA NITROGEN	MG/L	35	30	14	30	129	54
	TOC	MG/L	176	78	56	229	1042	643
VOLATILES	BENZENE	UG/L	6	L 1	83	3	23	2
	CHLOROBENZENE	UG/L	2	L 1	50	2	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	41	23	44	43	121	30
	1,1-DICHLOROETHANE	UG/L	L 1	1	-	2	N-D	12
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	297	4
	CHLOROFORM	UG/L	21	14	33	15	21	12
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	3	N-D	261
	1,2-DICHLOROPROPANE	UG/L	2	1	50	1	N-D	N-D
	ETHYLBENZENE	UG/L	25	1	96	27	296	7
	METHYLENE CHLORIDE	UG/L	43	44	-	53	52	17
	METHYL CHLORIDE	UG/L	L 25	440	-	83	N-D	N-D
	METHYL BROMIDE	UG/L	L 20	220	-	L 20	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	14	19	-	2	N-D	N-D
	TOLUENE	UG/L	75	2	97	110	2176	24
	TRICHLOROETHYLENE	UG/L	13	19	-	14	698	15
	VINYL CHLORIDE	UG/L	28	L 20	29	L 20	N-D	N-D
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	2	3	-	2	N-D	N-D
	PHENOL	UG/L	80	1	99	32	278	140
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	417	38
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	7	1319	60
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	322	47
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	726	67
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	122	60
	NAPHTHALENE	UG/L	5	L 3	40	5	532	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	23	8	65	45	6446	1785
	BUTYL BENZYL PHTHALATE	UG/L	9	L 3	67	12	4252	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	L 4	370	N-D
	DIETHYL PHTHALATE	UG/L	L 5	L 5	-	5	N-D	N-D
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	245	N-D
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	245	N-D
	PYRENE	UG/L	L 4	L 4	-	L 4	46	20
PESTICIDES	HEPTACHLOR	NG/L	210	L 100	52	L 100	N-D	N-D

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/07
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 19
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/02/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
PESTICIDES	GAMMA-BHC	NG/L	130	L 50	62	100	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	190	70
	ARSENIC	UG/L	L 50	L 50	-	L 50	250	140
	CADMIUM	UG/L	9	L 2	78	10	180	180
	CHROMIUM	UG/L	64	30	53	82	2700	770
	COPPER	UG/L	91	13	86	87	13000	3600
	CYANIDE	UG/L	592	270	54	440	233000	37200
	LEAD	UG/L	58	L 50	14	L 50	15000	3400
	MERCURY	NG/L	800	L 200	75	700	330000	99000
	NICKEL	UG/L	55	73	-	89	4300	350
	SELENIUM	UG/L	L 50	L 50	-	L 50	170	100
	SILVER	UG/L	14	L 5	64	11	1000	360
	ZINC	UG/L	333	61	82	291	49000	12000
NON-CONV. METALS	ALUMINUM	UG/L	2170	254	88	1390	NOT RUN	NOT RUN
	BARIUM	UG/L	106	19	82	111	NOT RUN	NOT RUN
	CALCIUM	MG/L	26	23	12	26	NOT RUN	NOT RUN
	IRON	UG/L	1680	694	59	2080	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	15	15	-	15	NOT RUN	NOT RUN
	MANGANESE	UG/L	122	94	23	103	NOT RUN	NOT RUN
	SODIUM	MG/L	135	141	-	136	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/07
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 19
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/02/08 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	415	42	90	330	18804	6667
	TOTAL SUSP. SOLIDS	MG/L	250	25	90	160	56000	12000
	COD	MG/L	1128	140	88	712	84800	29600
	OIL & GREASE	MG/L	105	18	83	39	7500	550
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	4026	179	96	1644	5949	851
	TOTAL SOLIDS	MG/L	1143	716	37	976	54428	16098
	TOTAL DISS. SOLIDS	MG/L	792	666	16	634	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	416	102	75	293	35781	11738
	VOLATILE DISS. SOLIDS	MG/L	104	75	28	88	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	184	19	90	85	NOT RUN	6000
	AMMONIA NITROGEN	MG/L	37	21	43	24	87	43
	TOC	MG/L	288	69	76	219	805	611
VOLATILES	BENZENE	UG/L	4	L 1	75	2	17	2
	CHLOROBENZENE	UG/L	4	L 1	75	2	N-D	N-D
	1,2-DICHLOROETHANE	UG/L	5	3	40	3	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	75	50	33	40	192	89
	1,1-DICHLOROETHANE	UG/L	L 1	2	-	1	26	33
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	699	N-D
	CHLOROFORM	UG/L	12	10	17	7	27	33
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	1	N-D	241
	1,2-DICHLOROPROPANE	UG/L	1	1	-	L 1	N-D	N-D
	ETHYLBENZENE	UG/L	23	4	83	20	400	15
	METHYLENE CHLORIDE	UG/L	110	62	44	47	20	25
	METHYL CHLORIDE	UG/L	150	180	-	680	N-D	N-D
	TRICHLOROFLUOROMETHANE	UG/L	2	L 1	50	1	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	26	18	31	29	N-D	N-D
	TOLUENE	UG/L	59	1	98	48	1237	20
	TRICHLOROETHYLENE	UG/L	23	9	61	10	116	119
	VINYL CHLORIDE	UG/L	88	L 20	77	L 20	N-D	N-D
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	L 2	L 2	-	2	N-D	N-D
	2-CHLOROPHENOL	UG/L	5	L 1	80	5	72	N-D
	2,4-DIMETHYLPHENOL	UG/L	7	3	57	2	N-D	N-D
	PENTACHLOROPHENOL	UG/L	L 5	L 5	-	L 5	96	N-D
	PHENOL	UG/L	300	L 1	100	88	791	N-D
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	634	83
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	795	98
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	443	38
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	752	87
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	164	30
	NAPHTHALENE	UG/L	5	L 3	40	4	866	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 3	5	-	L 3	6431	4547
	BUTYL BENZYL PHTHALATE	UG/L	23	L 3	87	L 23	5568	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	L 4	495	N-D
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	289	N-D
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	289	N-D

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/08
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 19
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/02/08 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
BASE-NEUTRALS	PYRENE	UG/L	L 4	L 4	-	L 4	48	12
PESTICIDES	4,4'-DDE	NG/L	L 200	L 200	-	L 200	N-D	10000
	4,4'-DDD	NG/L	770	L 300	61	L 300	N-D	N-D
	GAMMA-BHC	NG/L	210	60	71	390	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	140	70
	ARSENIC	UG/L	L 50	L 50	-	L 50	380	140
	CADMIUM	UG/L	6	L 2	67	6	420	15000
	CHROMIUM	UG/L	111	21	81	73	1800	340
	COPPER	UG/L	105	12	89	74	9500	1800
	CYANIDE	UG/L	485	250	48	366	233000	21300
	LEAD	UG/L	64	L 50	22	L 50	4300	2600
	MERCURY	NG/L	600	L 200	67	800	230000	76000
	NICKEL	UG/L	83	63	24	68	540	260
	SELENIUM	UG/L	L 50	L 50	-	L 50	150	L 100
	SILVER	UG/L	9	L 5	44	9	480	120
	ZINC	UG/L	258	28	89	225	14000	4300
NON-CONV. METALS	ALUMINUM	UG/L	10600	390	96	7750	NOT RUN	NOT RUN
	BARIUM	UG/L	173	19	89	117	NOT RUN	NOT RUN
	CALCIUM	MG/L	28	26	7	28	NOT RUN	NOT RUN
	IRON	UG/L	3630	688	81	2890	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	16	16	-	16	NOT RUN	NOT RUN
	MANGANESE	UG/L	161	119	26	151	NOT RUN	NOT RUN
	SODIUM	MG/L	156	149	4	148	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/08
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 19
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/02/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	315	37	88	199	11825	9000
	TOTAL SUSP. SOLIDS	MG/L	187	32	83	115	NOT RUN	NOT RUN
	COD	MG/L	544	152	72	424	136000	21600
	OIL & GREASE	MG/L	91	10	89	38	10200	520
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	942	301	68	820	2957	301
	TOTAL SOLIDS	MG/L	877	707	19	965	57684	19588
	TOTAL DISS. SOLIDS	MG/L	612	610	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	334	164	51	419	39188	14567
	VOLATILE DISS. SOLIDS	MG/L	80	62	22	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	127	20	84	78	NOT RUN	15000
	AMMONIA NITROGEN	MG/L	34	22	35	25	81	54
	TOC	MG/L	151	82	46	95	1111	726
VOLATILES	BENZENE	UG/L	2	L 1	50	2	N-D	2
	1,2-DICHLOROETHANE	UG/L	2	5	-	3	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	28	25	11	22	60	144
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	N-D	19
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	894	N-D
	CHLOROFORM	UG/L	9	11	-	12	29	19
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 1	67	3	N-D	361
	ETHYLBENZENE	UG/L	10	3	70	12	276	5
	METHYLENE CHLORIDE	UG/L	34	39	-	31	7	16
	METHYL CHLORIDE	UG/L	42	540	-	1000	N-D	N-D
	DICHLORODIFLUOROMETHANE	UG/L	1000	L 20	98	780	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	10	15	-	17	N-D	N-D
	TOLUENE	UG/L	17	1	94	16	318	32
	TRICHLOROETHYLENE	UG/L	11	5	55	6	62	N-D
	VINYL CHLORIDE	UG/L	L 20	L 20	-	150	N-D	N-D
ACID EXTRACT	2-CHLOROPHENOL	UG/L	1	L 1	-	2	18	N-D
	2,4-DICHLOROPHENOL	UG/L	L 2	L 2	-	L 2	14	N-D
	PENTACHLOROPHENOL	UG/L	L 5	L 5	-	L 5	21	N-D
	PHENOL	UG/L	41	L 1	98	12	G 174	171
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	335	42
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	519	63
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	152	N-D
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	424	58
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	97	18
	NAPHTHALENE	UG/L	L 3	L 3	-	L 3	388	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	16	11	31	18	5661	1357
	BUTYL BENZYL PHTHALATE	UG/L	8	L 3	63	6	3866	N-D
	DI-N-BUTYL PHTHALATE	UG/L	7	L 4	43	L 4	415	N-D
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	219	N-D
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	219	N-D
	PYRENE	UG/L	L 4	L 4	-	L 4	21	N-D
PESTICIDES	GAMMA-BHC	NG/L	200	L 50	75	L 50	N-D	N-D

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/09
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 19
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/02/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	170	180
	ARSENIC	UG/L	L 50	L 50	-	L 50	390	160
	CADMIUM	UG/L	9	L 2	78	7	1600	440
	CHROMIUM	UG/L	35	18	49	51	16000	3700
	COPPER	UG/L	58	12	79	71	12000	3500
	CYANIDE	UG/L	561	290	48	521	107000	23400
	LEAD	UG/L	100	L 50	50	L 50	17000	3200
	MERCURY	NG/L	300	L 200	33	500	350000	51000
	NICKEL	UG/L	21	40	-	30	3600	790
	SELENIUM	UG/L	L 50	L 50	-	L 50	110	L 100
	SILVER	UG/L	L 5	L 5	-	7	450	360
	ZINC	UG/L	157	31	80	225	7300	17000
NON-CONV. METALS	ALUMINUM	UG/L	3190	409	87	2370	NOT RUN	NOT RUN
	BARIUM	UG/L	82	19	77	84	NOT RUN	NOT RUN
	CALCIUM	MG/L	25	24	4	22	NOT RUN	NOT RUN
	IRON	UG/L	1380	503	64	1930	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	16	15	6	14	NOT RUN	NOT RUN
	MANGANESE	UG/L	121	105	13	104	NOT RUN	NOT RUN
	SODIUM	MG/L	128	140	-	121	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/09
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 19
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/02/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	392	53	86	365	24492	8300
	TOTAL SUSP. SOLIDS	MG/L	194	27	86	148	65000	NOT RUN
	COD	MG/L	704	148	79	668	72000	14402
	OIL & GREASE	MG/L	51	15	71	35	9600	520
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	2682	179	93	2011	3110	1248
	TOTAL SOLIDS	MG/L	1101	776	30	1084	65547	17548
	TOTAL DISS. SOLIDS	MG/L	807	NOT RUN	-	697	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	342	109	68	315	44605	12900
	VOLATILE DISS. SOLIDS	MG/L	82	NOT RUN	-	74	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	134	14	90	90	41500	NOT RUN
	AMMONIA NITROGEN	MG/L	33	24	27	25	101	59
	TOC	MG/L	275	60	78	200	1060	900
VOLATILES	BENZENE	UG/L	4	L 1	75	3	N-D	N-D
	CHLOROBENZENE	UG/L	4	L 1	75	1	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	90	53	41	38	128	81
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	L 1	31	25
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	772	N-D
	CHLOROFORM	UG/L	28	15	46	6	32	25
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 1	67	L 1	N-D	82
	1,2-DICHLOROPROPANE	UG/L	3	1	67	L 1	N-D	N-D
	ETHYLBENZENE	UG/L	27	3	89	22	464	25
	METHYLENE CHLORIDE	UG/L	140	69	51	90	15	20
	METHYL CHLORIDE	UG/L	L 8	450	-	460	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	18	13	28	23	N-D	N-D
	TOLUENE	UG/L	78	1	99	57	536	30
	TRICHLOROETHYLENE	UG/L	17	7	59	7	73	19
ACID EXTRACT	2-CHLOROPHENOL	UG/L	4	L 1	75	5	11	N-D
	2,4-DICHLOROPHENOL	UG/L	L 2	L 2	-	2	N-D	N-D
	2,4-DIMETHYLPHENOL	UG/L	2	L 2	-	L 2	N-D	N-D
	PHENOL	UG/L	190	L 1	99	100	318	300
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	247	N-D
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	301	31
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	132	N-D
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	396	38
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	101	12
	NAPHTHALENE	UG/L	4	L 3	25	5	533	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	59	31	47	31	4864	810
	BUTYL BENZYL PHTHALATE	UG/L	8	L 3	63	14	2236	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	L 4	356	N-D
	DIETHYL PHTHALATE	UG/L	5	L 5	-	L 5	N-D	N-D
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	215	N-D
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	215	N-D
	PYRENE	UG/L	L 4	L 4	-	L 4	27	N-D
PESTICIDES	GAMMA-BHC	NG/L	90	110	-	70	N-D	N-D

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/11
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 19
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/02/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	200	70
	ARSENIC	UG/L	L 50	L 50	-	L 50	220	180
	CADMIUM	UG/L	5	L 2	60	7	1300	280
	CHROMIUM	UG/L	74	L 2	97	79	3400	870
	COPPER	UG/L	96	21	78	90	19000	3200
	CYANIDE	UG/L	535	160	70	489	111000	26200
	LEAD	UG/L	L 50	L 50	-	57	11000	2600
	MERCURY	NG/L	500	200	60	500	76000	63000
	NICKEL	UG/L	60	25	58	62	2200	270
	SELENIUM	UG/L	L 50	150	-	L 50	170	L 100
	SILVER	UG/L	13	L 5	62	12	1100	370
	ZINC	UG/L	147	L 20	86	216	43000	11000
NON-CONV. METALS	ALUMINUM	UG/L	933	368	61	1450	NOT RUN	NOT RUN
	BARIUM	UG/L	118	16	86	103	NOT RUN	NOT RUN
	CALCIUM	MG/L	28	24	14	28	NOT RUN	NOT RUN
	IRON	UG/L	2120	577	73	2240	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	18	17	6	19	NOT RUN	NOT RUN
	MANGANESE	UG/L	222	97	56	146	NOT RUN	NOT RUN
	SODIUM	MG/L	178	163	8	179	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/11
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 19
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/02/05 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	352	35	90	21154	11833	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	145	22	85	NOT RUN	17000	NOT RUN
	COD	MG/L	592	140	76	72000	22400	NOT RUN
	OIL & GREASE	MG/L	202	14	93	6900	610	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	2041	271	87	2560	1644	NOT RUN
	TOTAL SOLIDS	MG/L	953	703	26	57300	18503	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	780	745	4	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	328	117	64	39116	13650	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	97	112	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	108	16	85	NOT RUN	12000	NOT RUN
	AMMONIA NITROGEN	MG/L	33	20	39	95	56	NOT RUN
	TOC	MG/L	164	46	72	928	615	NOT RUN
VOLATILES	BENZENE	UG/L	3	L 1	67	33	6	NOT RUN
	CHLOROBENZENE	UG/L	3	L 1	67	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	25	14	44	90	32	NOT RUN
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	N-D	15	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	520	N-D	NOT RUN
	CHLOROFORM	UG/L	21	16	24	33	15	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 1	67	N-D	354	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	2	1	50	N-D	N-D	NOT RUN
	ETHYLBENZENE	UG/L	11	2	82	195	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	164	87	47	52	42	NOT RUN
	TETRACHLOROETHYLENE	UG/L	14	16	-	N-D	N-D	NOT RUN
	TOLUENE	UG/L	45	2	96	726	39	NOT RUN
	TRICHLOROETHYLENE	UG/L	13	6	54	373	15	NOT RUN
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	L 2	L 2	-	11	N-D	NOT RUN
	2-CHLOROPHENOL	UG/L	3	L 1	67	25	N-D	NOT RUN
	2,4-DICHLOROPHENOL	UG/L	L 2	3	-	25	N-D	NOT RUN
	PHENOL	UG/L	150	L 1	99	769	70	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	741	156	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	19	15	21	1237	279	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	494	109	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	8	9	-	401	95	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	90	26	NOT RUN
	NAPHTHALENE	UG/L	3	L 3	-	205	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	29	30	-	4064	1795	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	10	L 3	70	1760	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	279	55	NOT RUN
	DIETHYL PHTHALATE	UG/L	7	L 5	29	N-D	N-D	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	166	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	166	N-D	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	23	14	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	32	23	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	22	24	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/05
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 19
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/02/05 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	CADMIUM	UG/L	19	L	2	89	900	290	NOT RUN
	CHROMIUM	UG/L	131		30	77	5800	1700	NOT RUN
	COPPER	UG/L	115		19	83	7800	1800	NOT RUN
	CYANIDE	UG/L	383		360	6	245000	30000	NOT RUN
	LEAD	UG/L	60	L	50	17	15000	5100	NOT RUN
	MERCURY	NG/L	700		300	57	18000	56000	NOT RUN
	NICKEL	UG/L	55		28	49	510	150	NOT RUN
	SILVER	UG/L	15	L	5	67	1100	250	NOT RUN
	ZINC	UG/L	235		57	76	19000	8600	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	3250		265	92	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	128		17	87	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	29		27	7	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1780		1320	26	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	16		18	-	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	125		129	-	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	155		157	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/05
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 19
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/02/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	438	40	91	23173	9500	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	190	32	83	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	808	152	81	105600	21600	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1797	271	85	2499	973	NOT RUN
	TOTAL SOLIDS	MG/L	1242	809	35	61489	18124	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	794	760	4	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	540	131	76	43127	13422	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	123	120	2	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	140	18	87	NOT RUN	16500	NOT RUN
	AMMONIA NITROGEN	MG/L	32	19	41	86	43	NOT RUN
	TOC	MG/L	209	78	63	939	555	NOT RUN
VOLATILES	BENZENE	UG/L	3	L 1	67	18	N-D	NOT RUN
	CHLOROBENZENE	UG/L	5	L 1	80	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	33	14	58	98	27	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	N-D	11	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	759	3	NOT RUN
	CHLOROFORM	UG/L	19	20	-	33	11	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	20	L 1	95	44	748	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	1	1	-	N-D	N-D	NOT RUN
	ETHYLBENZENE	UG/L	32	5	84	383	32	NOT RUN
	METHYLENE CHLORIDE	UG/L	68	100	-	43	51	NOT RUN
	METHYL CHLORIDE	UG/L	L 25	350	-	N-D	N-D	NOT RUN
	METHYL BROMIDE	UG/L	L 20	37	-	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	9	26	-	N-D	N-D	NOT RUN
	TOLUENE	UG/L	87	4	95	885	47	NOT RUN
	TRICHLOROETHYLENE	UG/L	113	58	49	931	N-D	NOT RUN
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	L 2	L 2	-	16	N-D	NOT RUN
	2-CHLOROPHENOL	UG/L	L 1	L 1	-	41	N-D	NOT RUN
	2,4-DICHLOROPHENOL	UG/L	L 2	3	-	33	N-D	NOT RUN
	2,4-DIMETHYLPHENOL	UG/L	L 2	4	-	N-D	N-D	NOT RUN
	PHENOL	UG/L	19	L 1	95	677	28	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	500	66	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	24	7	71	1294	140	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	255	54	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	6	L 5	17	413	74	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	108	44	NOT RUN
	NAPHTHALENE	UG/L	L 3	L 3	-	304	11	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	69	42	39	2761	1192	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	54	L 3	94	2883	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	344	72	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	111	37	NOT RUN
	DIETHYL PHTHALATE	UG/L	6	L 5	17	N-D	N-D	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	239	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	239	N-D	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	27	19	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/06
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 19
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/02/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	ANTIMONY	UG/L	L 50	L 50	-	170	80	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	330	140	NOT RUN
	CADMIUM	UG/L	9	L 2	78	1100	170	NOT RUN
	CHROMIUM	UG/L	226	40	82	2400	680	NOT RUN
	COPPER	UG/L	120	17	86	13000	3600	NOT RUN
	CYANIDE	UG/L	1730	310	82	199000	65400	NOT RUN
	LEAD	UG/L	L 50	L 50	-	12000	3800	NOT RUN
	MERCURY	NG/L	700	200	71	310000	130000	NOT RUN
	NICKEL	UG/L	49	37	24	1100	270	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	280	L 100	NOT RUN
	SILVER	UG/L	11	L 5	55	970	430	NOT RUN
	ZINC	UG/L	212	59	72	26000	12000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1180	304	74	NOT RUN	NOT, RUN	NOT RUN
	BARIUM	UG/L	112	18	84	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	30	27	10	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1620	823	49	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	16	16	-	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	108	116	-	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	150	151	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/06
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 19
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/02/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	362	33	91	18709	8633	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	153	23	85	NOT RUN	20500	NOT RUN
	COD	MG/L	560	136	76	96000	20800	NOT RUN
	OIL & GREASE	MG/L	NOT RUN	NOT RUN	-	5400	360	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1339	191	86	1706	362	NOT RUN
	TOTAL SOLIDS	MG/L	950	776	18	53368	18403	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	683	716	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	320	136	57	38967	13847	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	86	119	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	113	15	87	6300	12500	NOT RUN
	AMMONIA NITROGEN	MG/L	35	22	37	129	54	NOT RUN
	TOC	MG/L	176	74	58	1042	643	NOT RUN
VOLATILES	BENZENE	UG/L	6	L 1	83	23	2	NOT RUN
	CHLOROBENZENE	UG/L	2	L 1	50	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	41	23	44	121	30	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	N-D	12	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	297	4	NOT RUN
	CHLOROFORM	UG/L	21	16	24	21	12	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	N-D	261	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	2	1	50	N-D	N-D	NOT RUN
	ETHYLBENZENE	UG/L	25	4	84	296	7	NOT RUN
	METHYLENE CHLORIDE	UG/L	43	49	-	52	17	NOT RUN
	METHYL CHLORIDE	UG/L	L 25	440	-	N-D	N-D	NOT RUN
	METHYL BROMIDE	UG/L	L 20	190	-	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	14	19	-	N-D	N-D	NOT RUN
	TOLUENE	UG/L	75	7	91	2176	24	NOT RUN
	TRICHLOROETHYLENE	UG/L	13	21	-	698	15	NOT RUN
	VINYL CHLORIDE	UG/L	28	L 20	29	N-D	N-D	NOT RUN
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	2	L 2	-	N-D	N-D	NOT RUN
	PHENOL	UG/L	80	1	99	278	140	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	417	38	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	L 5	5	-	1319	60	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	322	47	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	726	67	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	122	60	NOT RUN
	NAPHTHALENE	UG/L	5	L 3	40	532	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	23	23	-	6446	1785	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	9	L 3	67	4252	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	370	N-D	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	245	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	245	N-D	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	46	20	NOT RUN
PESTICIDES	HEPTACHLOR	NG/L	210	L 100	52	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	130	L 50	62	N-D	N-D	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/07
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 19
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/02/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	ANTIMONY	UG/L	L 50	L 50	-	190	70	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	250	140	NOT RUN
	CADMIUM	UG/L	9	L 2	78	180	180	NOT RUN
	CHROMIUM	UG/L	64	27	58	2700	770	NOT RUN
	COPPER	UG/L	91	16	82	13000	3600	NOT RUN
	CYANIDE	UG/L	592	300	49	233000	37200	NOT RUN
	LEAD	UG/L	58	L 50	14	15000	3400	NOT RUN
	MERCURY	NG/L	800	L 200	75	330000	99000	NOT RUN
	NICKEL	UG/L	55	61	-	4300	350	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	170	100	NOT RUN
	SILVER	UG/L	14	L 5	64	1000	360	NOT RUN
	ZINC	UG/L	333	61	82	49000	12000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	2170	242	89	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	106	18	83	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	26	24	8	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1680	724	57	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	15	15	-	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	122	95	22	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	135	143	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/07
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 19
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/02/08 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	415	33	92	18804	6667	2
	TOTAL SUSP. SOLIDS	MG/L	250	21	92	56000	12000	3
	COD	MG/L	1128	148	87	84800	29600	NOT RUN
	OIL & GREASE	MG/L	105	NOT RUN	-	7500	550	5
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	4026	210	95	5949	851	167
	TOTAL SOLIDS	MG/L	1143	721	37	54428	16098	36
	TOTAL DISS. SOLIDS	MG/L	792	724	9	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	416	103	75	35781	11738	6
	VOLATILE DISS. SOLIDS	MG/L	104	110	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	184	15	92	NOT RUN	6000	2
	AMMONIA NITROGEN	MG/L	37	19	49	87	43	1
	TOC	MG/L	288	81	72	805	611	28
VOLATILES	BENZENE	UG/L	4	L 1	75	17	2	L 1
	CHLOROBENZENE	UG/L	4	L 1	75	N-D	N-D	L 1
	1,2-DICHLOROETHANE	UG/L	5	3	40	N-D	N-D	L 1
	1,1,1-TRICHLOROETHANE	UG/L	75	51	32	192	89	L 1
	1,1-DICHLOROETHANE	UG/L	L 1	1	-	26	33	L 1
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	699	N-D	L 1
	CHLOROFORM	UG/L	12	18	-	27	33	31
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	N-D	241	L 1
	1,2-DICHLOROPROPANE	UG/L	1	1	-	N-D	N-D	L 1
	ETHYLBENZENE	UG/L	23	10	57	400	15	L 1
	METHYLENE CHLORIDE	UG/L	110	65	41	20	25	7
	METHYL CHLORIDE	UG/L	150	430	-	N-D	N-D	L 25
	TRICHLOROFLUOROMETHANE	UG/L	2	L 1	50	N-D	N-D	L 1
	TETRACHLOROETHYLENE	UG/L	26	19	27	N-D	N-D	L 1
	TOLUENE	UG/L	59	1	98	1237	20	L 1
	TRICHLOROETHYLENE	UG/L	23	10	57	116	119	L 1
	VINYL CHLORIDE	UG/L	88	L 20	77	N-D	N-D	L 20
ACID EXTRACT	2-CHLOROPHENOL	UG/L	5	L 1	80	72	N-D	L 1
	2,4-DIMETHYLPHENOL	UG/L	7	L 2	71	N-D	N-D	L 2
	PENTACHLOROPHENOL	UG/L	L 5	L 5	-	96	N-D	L 5
	PHENOL	UG/L	300	L 1	100	791	N-D	L 1
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	634	83	L 5
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	795	98	L 5
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	443	38	L 5
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	752	87	L 5
	FLUORANTHENE	UG/L	L 4	L 4	-	164	30	L 4
	NAPHTHALENE	UG/L	5	L 3	40	866	N-D	L 3
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 3	5	-	6431	4547	L 3
	BUTYL BENZYL PHTHALATE	UG/L	23	L 3	87	5568	N-D	L 3
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	495	N-D	L 4
	ANTHRACENE	UG/L	L 5	L 5	-	289	N-D	L 5
	PHENANTHRENE	UG/L	L 5	L 5	-	289	N-D	L 5
	PYRENE	UG/L	L 4	L 4	-	48	12	L 4

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DAILY ANALYTICAL RESULTS

PLANT 19
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/02/08 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
PESTICIDES	4,4'-DDE	NG/L	L 200	L 200	-	N-D	10000	L 40
	4,4'-DDD	NG/L	770	L 300	61	N-D	N-D	L 60
	GAMMA-BHC	NG/L	210	230	-	N-D	N-D	L 10
METALS	ANTIMONY	UG/L	L 50	L 50	-	140	70	L 50
	ARSENIC	UG/L	L 50	L 50	-	380	140	L 50
	CADMIUM	UG/L	6	L 2	67	420	15000	L 2
	CHROMIUM	UG/L	111	19	83	1800	340	L 5
	COPPER	UG/L	105	13	88	9500	1800	14
	CYANIDE	UG/L	485	350	28	233000	21300	39
	LEAD	UG/L	64	L 50	22	4300	2600	L 50
	MERCURY	NG/L	600	L 200	67	230000	76000	L 200
	NICKEL	UG/L	83	60	28	540	260	L 10
	SELENIUM	UG/L	L 50	L 50	-	150	L 100	L 50
	SILVER	UG/L	9	L 5	44	480	120	L 5
	ZINC	UG/L	258	21	92	14000	4300	49
NON-CONV. METALS	ALUMINUM	UG/L	10600	400	96	NOT RUN	NOT RUN	62
	BARIUM	UG/L	173	19	89	NOT RUN	NOT RUN	9
	CALCIUM	MG/L	28	26	7	NOT RUN	NOT RUN	11
	IRON	UG/L	3630	748	79	NOT RUN	NOT RUN	81
	MAGNESIUM	MG/L	16	16	-	NOT RUN	NOT RUN	L 2
	MANGANESE	UG/L	161	120	25	NOT RUN	NOT RUN	L 2
	SODIUM	MG/L	156	151	3	NOT RUN	NOT RUN	L 2

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DAILY ANALYTICAL RESULTS

PLANT 19
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/02/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	315	34	89	11825	9000	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	187	12	94	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	544	140	74	136000	21600	NOT RUN
	OIL & GREASE	MG/L	91	13	86	10200	520	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	942	606	36	2957	301	NOT RUN
	TOTAL SOLIDS	MG/L	877	703	20	57684	19588	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	612	656	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	334	168	50	39188	14567	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	80	96	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	127	5	96	NOT RUN	15000	NOT RUN
	AMMONIA NITROGEN	MG/L	34	14	59	81	54	NOT RUN
	TOC	MG/L	151	82	46	1111	726	NOT RUN
VOLATILES	BENZENE	UG/L	2	L 1	50	N-D	2	NOT RUN
	1,2-DICHLOROETHANE	UG/L	2	5	-	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	28	29	-	60	144	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	N-D	19	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	894	N-D	NOT RUN
	CHLOROFORM	UG/L	9	12	-	29	19	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 1	67	N-D	361	NOT RUN
	ETHYLBENZENE	UG/L	10	L 1	90	276	5	NOT RUN
	METHYLENE CHLORIDE	UG/L	34	42	-	7	16	NOT RUN
	METHYL CHLORIDE	UG/L	42	390	-	N-D	N-D	NOT RUN
	DICHLORODIFLUOROMETHANE	UG/L	1000	L 20	98	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	10	18	-	N-D	N-D	NOT RUN
	TOLUENE	UG/L	17	L 1	94	318	32	NOT RUN
	TRICHLOROETHYLENE	UG/L	11	5	55	62	N-D	NOT RUN
ACID EXTRACT	2-CHLOROPHENOL	UG/L	1	L 1	-	18	N-D	NOT RUN
	2,4-DICHLOROPHENOL	UG/L	L 2	L 2	-	14	N-D	NOT RUN
	PENTACHLOROPHENOL	UG/L	L 5	L 5	-	21	N-D	NOT RUN
	PHENOL	UG/L	41	L 1	98	G 174	171	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	335	42	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	519	63	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	152	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	424	58	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	97	18	NOT RUN
	NAPHTHALENE	UG/L	L 3	L 3	-	388	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	16	3	81	5661	1357	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	8	L 3	63	3866	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	7	L 4	43	415	N-D	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	219	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	219	N-D	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	21	N-D	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	200	50	75	N-D	N-D	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/09
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 19
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/02/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	ANTIMONY	UG/L	L 50	L 50	-	170	180	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	390	160	NOT RUN
	CADMIUM	UG/L	9	L 2	78	1600	440	NOT RUN
	CHROMIUM	UG/L	35	19	46	16000	3700	NOT RUN
	COPPER	UG/L	58	13	78	12000	3500	NOT RUN
	CYANIDE	UG/L	561	350	38	107000	23400	NOT RUN
	LEAD	UG/L	100	L 50	50	17000	3200	NOT RUN
	MERCURY	NG/L	300	L 200	33	350000	51000	NOT RUN
	NICKEL	UG/L	21	48	-	3600	790	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	110	L 100	NOT RUN
	SILVER	UG/L	L 5	L 5	-	450	360	NOT RUN
	ZINC	UG/L	157	27	83	7300	17000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	3190	451	86	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	82	18	78	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	25	24	4	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1380	818	41	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	16	15	6	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	121	106	12	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	128	142	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/09
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DAILY ANALYTICAL RESULTS

PLANT 19
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/02/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	392	46	88	24492	8300	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	194	20	90	65000	NOT RUN	NOT RUN
	COD	MG/L	704	132	81	72000	14402	NOT RUN
	OIL & GREASE	MG/L	51	19	63	9600	520	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	2682	191	93	3110	1248	NOT RUN
	TOTAL SOLIDS	MG/L	1101	781	29	65547	17548	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	807	732	9	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	342	112	67	44605	12900	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	82	97	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	134	8	94	41500	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	33	19	42	101	59	NOT RUN
	TOC	MG/L	275	43	84	1060	900	NOT RUN
VOLATILES	BENZENE	UG/L	4	L 1	75	N-D	N-D	NOT RUN
	CHLOROBENZENE	UG/L	4	L 1	75	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	90	50	44	128	81	NOT RUN
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	31	25	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	772	N-D	NOT RUN
	CHLOROFORM	UG/L	28	16	43	32	25	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 1	67	N-D	82	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	3	L 1	67	N-D	N-D	NOT RUN
	ETHYLBENZENE	UG/L	27	4	85	464	25	NOT RUN
	METHYLENE CHLORIDE	UG/L	140	67	52	15	20	NOT RUN
	METHYL CHLORIDE	UG/L	L 8	430	-	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	18	12	33	N-D	N-D	NOT RUN
	TOLUENE	UG/L	78	2	97	536	30	NOT RUN
	TRICHLOROETHYLENE	UG/L	17	7	59	73	19	NOT RUN
ACID EXTRACT	2-CHLOROPHENOL	UG/L	4	L 1	75	11	N-D	NOT RUN
	2,4-DIMETHYLPHENOL	UG/L	2	L 2	-	N-D	N-D	NOT RUN
	PHENOL	UG/L	190	L 1	99	318	300	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	247	N-D	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	301	31	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	132	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	396	38	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	101	12	NOT RUN
	NAPHTHALENE	UG/L	4	L 3	25	533	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	59	14	76	4864	810	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	8	L 3	63	2236	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	356	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	L 5	-	N-D	N-D	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	215	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	215	N-D	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	27	N-D	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	90	60	33	N-D	N-D	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/11
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DAILY ANALYTICAL RESULTS

PLANT 19
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/02/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	ANTIMONY	UG/L	L 50	L 50	-	200	70	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	220	180	NOT RUN
	CADMIUM	UG/L	5	L 2	60	1300	280	NOT RUN
	CHROMIUM	UG/L	74	21	72	3400	870	NOT RUN
	COPPER	UG/L	96	15	84	19000	3200	NOT RUN
	CYANIDE	UG/L	535	350	35	111000	26200	NOT RUN
	LEAD	UG/L	L 50	L 50	-	11000	2600	NOT RUN
	MERCURY	NG/L	500	L 200	60	76000	63000	NOT RUN
	NICKEL	UG/L	60	32	47	2200	270	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	170	L 100	NOT RUN
	SILVER	UG/L	13	L 5	62	1100	370	NOT RUN
	ZINC	UG/L	147	L 20	86	43000	11000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	933	361	61	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	118	15	87	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	28	24	14	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	2120	623	71	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	18	17	6	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	222	97	56	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	178	166	7	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/11
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DAILY ANALYTICAL RESULTS

PLANT 20

SAMPLE DATE ENDING 80/02/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	NITRIF SLUDGE
CONVENTIONALS	BOD	MG/L	370 .	18	95	10	16712	6122	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	430	7	98	3	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	780	44	94	64	24000	8320	NOT RUN
	OIL & GREASE	MG/L	22	13	41	9	6400	720	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1095	313	71	148	1125	942	NOT RUN
	TOTAL SOLIDS	MG/L	1256	846	33	924	47674	7819	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	877	854	3	921	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	28	L 1	96	L 1	990	900	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	463	100	78	119	35105	5545	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	87	120	-	131	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	295	3	99	T 1	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	21	16	24	T 1	73	35	NOT RUN
	TOC	MG/L	185	15	92	17	1940	950	NOT RUN
VOLATILES	BENZENE	UG/L	1	L 1	-	L 1	6	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	39	L 1	97	L 1	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	4	L 1	75	L 1	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	6	2	67	23	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 1	67	L 1	709	N-D	NOT RUN
	ETHYLBENZENE	UG/L	7	L 1	86	L 1	47	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	87	26	70	2	N-D	N-D	NOT RUN
	METHYL CHLORIDE	UG/L	28	L 25	11	L 25	N-D	N-D	NOT RUN
	BROMOFORM	UG/L	L 1	L 1	-	4	N-D	N-D	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	26	N-D	N-D	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	1	1	-	26	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	13	1	92	L 1	N-D	N-D	NOT RUN
	TOLUENE	UG/L	28	L 1	96	L 1	123	28	NOT RUN
	TRICHLOROETHYLENE	UG/L	41	L 1	98	L 1	1504	N-D	NOT RUN
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	1	1	-	L 1	N-D	N-D	NOT RUN
	2,4-DIMETHYLPHENOL	UG/L	1	L 1	-	L 1	N-D	N-D	NOT RUN
	PHENOL	UG/L	34	L 1	97	L 1	140	N-D	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	32	L 5	84	L 5	950	40	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	270	N-D	NOT RUN
	ISOPHORONE	UG/L	17	L 10	41	L 10	N-D	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	36	L 3	92	17	1800	350	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	29	L 3	90	L 3	850	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	L 4	210	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	L 5	-	L 5	N-D	N-D	NOT RUN
PESTICIDES	ALPHA-BHC	NG/L	L 50	L 50	-	130	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	140	90	36	130	N-D	N-D	NOT RUN
METALS	ARSENIC	UG/L	L 50	L 50	-	L 50	170	56	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	L 2	170	62	NOT RUN
	CHROMIUM	UG/L	63	L 5	92	L 5	4100	1200	NOT RUN
	COPPER	UG/L	255	10	96	11	13000	4700	NOT RUN
	CYANIDE	UG/L	320	81	75	1150	36600	1900	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 20

SAMPLE DATE ENDING 80/02/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	NITRIF SLUDGE
METALS	LEAD	UG/L	69	L 50	28	L 50	6900	950	NOT RUN
	MERCURY	MG/L	700	L 200	71	L 200	63000	22000	NOT RUN
	NICKEL	UG/L	62	14	77	19	1700	810	NOT RUN
	SILVER	UG/L	14	L 5	64	L 5	940	340	NOT RUN
	ZINC	UG/L	481	36	93	45	29600	8400	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1620	71	96	42	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	174	45	74	40	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	49	44	10	46	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1270	62	95	L 50	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	25	24	4	26	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	66	59	11	L 2	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	150	164	-	175	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
- = NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 20

SAMPLE DATE ENDING 80/02/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	NITRIF SLUDGE
CONVENTIONALS	BOD	MG/L	276	16	94	7	12504	7011	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	425	12	97	2	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	1720	28	98	44	33600	9040	NOT RUN
	OIL & GREASE	MG/L	28	14	50	9	5100	500	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	802	423	47	106	820	490	NOT RUN
	TOTAL SOLIDS	MG/L	1312	822	37	870	57305	8338	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	880	741	16	875	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	40	L 1	97	L 1	1000	1000	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	460	95	79	124	39147	5962	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	80	84	-	72	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	255	5	98	1	NOT RUN	6000	NOT RUN
	AMMONIA NITROGEN	MG/L	20	13	35	T 1	77	28	NOT RUN
	TOC	MG/L	120	17	86	13	1260	410	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	0	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	84	3	96	L 1	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	10	L 1	90	L 1	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	5	2	60	25	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 1	67	L 1	N-D	N-D	NOT RUN
	ETHYLBENZENE	UG/L	3	L 1	67	L 1	48	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	51	15	71	2	N-D	N-D	NOT RUN
	BROMOFORM	UG/L	L 1	L 1	-	3	N-D	N-D	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 1	2	-	23	N-D	N-D	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	L 1	1	-	L 19	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	8	2	75	L 1	N-D	N-D	NOT RUN
	TOLUENE	UG/L	18	L 1	94	L 1	92	18	NOT RUN
	TRICHLOROETHYLENE	UG/L	43	L 1	98	L 1	351	N-D	NOT RUN
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	L 1	1	-	L 1	N-D	N-D	NOT RUN
	PHENOL	UG/L	L 1	L 1	-	L 1	180	180	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	24	L 5	79	L 5	570	N-D	NOT RUN
	ISOPHORONE	UG/L	18	L 10	44	L 10	N-D	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	21	L 3	86	L 3	2040	906	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	7	L 3	57	L 3	750	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	L 4	170	N-D	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	120	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	120	N-D	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	120	100	17	L 50	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	130	50	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	160	140	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	L 2	100	51	NOT RUN
	CHROMIUM	UG/L	48	L 5	90	L 5	3700	880	NOT RUN
	COPPER	UG/L	231	8	97	12	12000	3300	NOT RUN
	CYANIDE	UG/L	220	102	54	758	32600	4100	NOT RUN
	LEAD	UG/L	89	L 50	44	L 50	6400	840	NOT RUN
	MERCURY	NG/L	1000	L 200	80	L 200	300000	30000	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 20

SAMPLE DATE ENDING 80/02/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	NITRIF SLUDGE
METALS	NICKEL	UG/L	76	31	59	16	2800	640	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	150	L 100	NOT RUN
	SILVER	UG/L	7	L 5	29	L 5	840	270	NOT RUN
	ZINC	UG/L	363	29	92	41	3100	7800	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	2300	102	96	21	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	161	40	75	39	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	50	43	14	44	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	2190	62	97	L 50	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	26	23	12	24	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	85	57	33	L 2	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	161	159	1	160	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 20

SAMPLE DATE ENDING 80/02/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	NITRIF SLUDGE
CONVENTIONALS	BOD	MG/L	242	28	88	7	15338	7433	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	545	12	98	3	44000	NOT RUN	NOT RUN
	COD	MG/L	540	48	91	32	46400	10480	NOT RUN
	OIL & GREASE	MG/L	27	13	52	10	9800	500	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	295	271	8	124	606	240	NOT RUN
	TOTAL SOLIDS	MG/L	1266	724	43	826	71334	8733	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	806	725	10	812	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	26	L 1	96	L 1	1000	1000	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	499	109	78	129	45027	6187	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	94	90	4	87	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	395	6	98	2	31000	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	23	14	39	T 1	56	30	NOT RUN
	TOC	MG/L	99	16	84	13	1760	555	NOT RUN
VOLATILES	BENZENE	UG/L	3	L 1	67	L 1	N-D	N-D	NOT RUN
	CARBON TETRACHLORIDE	UG/L	3	L 1	67	L 1	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	16	L 1	94	L 1	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	2	L 1	50	L 1	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	5	2	60	25	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	548	N-D	NOT RUN
	ETHYLBENZENE	UG/L	3	L 1	67	L 1	23	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	16	5	69	2	N-D	N-D	NOT RUN
	BROMOFORM	UG/L	L 1	L 1	-	1	N-D	N-D	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 1	1	-	17	N-D	N-D	NOT RUN
	DICHLORODIFLUOROMETHANE	UG/L	68	58	15	L 20	N-D	N-D	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	L 1	1	-	10	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	6	1	83	L 1	N-D	N-D	NOT RUN
	TOLUENE	UG/L	15	L 1	93	L 1	136	32	NOT RUN
	TRICHLOROETHYLENE	UG/L	24	L 1	96	L 1	N-D	N-D	NOT RUN
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	1	1	-	L 1	N-D	N-D	NOT RUN
	PHENOL	UG/L	3	L 1	67	L 1	N-D	180	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	330	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	17	17	-	6	3000	710	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	4	L 3	25	L 3	860	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	6	L 4	33	L 4	170	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	L 5	-	L 5	N-D	N-D	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	N-D	16	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	N-D	16	NOT RUN
PESTICIDES	4,4'-DDD	NG/L	310	L 300	3	L 300	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	110	140	-	160	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	160	L 50	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	250	50	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	L 2	29	47	NOT RUN
	CHROMIUM	UG/L	23	8	65	L 5	2600	910	NOT RUN
	COPPER	UG/L	95	14	85	12	23000	3600	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/16

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 20

SAMPLE DATE ENDING 80/02/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	NITRIF SLUDGE
METALS	CYANIDE	UG/L	152	101	34	2690	31400	3800	NOT RUN
	LEAD	UG/L	L 50	L 50	-	L 50	6100	4400	NOT RUN
	MERCURY	MG/L	900	L 200	78	L 200	200000	24000	NOT RUN
	NICKEL	UG/L	56	38	32	24	3200	750	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	100	L 100	NOT RUN
	SILVER	UG/L	L 5	L 5	-	L 5	660	200	NOT RUN
	ZINC	UG/L	504	41	92	38	45000	8500	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	2360	145	94	37	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	119	40	66	34	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	43	41	5	41	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	2780	112	96	L 50	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	25	21	16	22	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	89	59	34	4	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	126	132	-	141	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
- = NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 20

SAMPLE DATE ENDING 80/02/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	NITRIF SLUDGE
CONVENTIONALS	BOD	MG/L	173	25	86	6	12154	8278	10144
	TOTAL SUSP. SOLIDS	MG/L	410	19	95	7	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	500	52	90	40	46400	9520	10960
	OIL & GREASE	MG/L	30	9	70	6	5500	600	210
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	362	210	42	210	698	210	484
	TOTAL SOLIDS	MG/L	1029	697	32	752	40392	9078	9090
	TOTAL DISS. SOLIDS	MG/L	670	705	-	731	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	34	L 1	97	L 1	1000	1000	840
	TOTAL VOLATILE SOLIDS	MG/L	351	109	69	130	26692	6193	6671
	VOLATILE DISS. SOLIDS	MG/L	80	119	-	112	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	215	11	95	3	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	18	15	17	T 1	75	28	9
	TOC	MG/L	101	18	82	13	1060	475	340
VOLATILES	BENZENE	UG/L	3	L 1	67	L 1	8	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	14	L 1	93	L 1	N-D	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	L 1	N-D	N-D	N-D
	CHLOROFORM	UG/L	4	3	25	23	N-D	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	L 1	142	N-D	N-D
	ETHYLBENZENE	UG/L	3	L 1	67	L 1	25	N-D	N-D
	METHYLENE CHLORIDE	UG/L	42	11	74	2	N-D	N-D	N-D
	DICHLOROBROMOMETHANE	UG/L	L 1	2	-	15	N-D	N-D	N-D
	DICHLORODIFLUOROMETHANE	UG/L	45	L 20	56	L 25	N-D	N-D	N-D
	CHLORODIBROMOMETHANE	UG/L	L 1	1	-	31	N-D	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	16	1	94	L 1	N-D	N-D	N-D
	TOLUENE	UG/L	17	L 1	94	L 1	96	21	128
	TRICHLOROETHYLENE	UG/L	27	L 1	96	L 1	N-D	N-D	N-D
	VINYL CHLORIDE	UG/L	80	L 20	75	L 20	N-D	N-D	N-D
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	1	L 1	-	L 1	N-D	N-D	N-D
	PHENOL	UG/L	7	1	86	L 1	N-D	N-D	46
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	12	L 5	58	L 5	N-D	N-D	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	N-D	N-D	730
	NAPHTHALENE	UG/L	L 3	L 3	-	L 3	N-D	N-D	340
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	28	10	64	10	2600	600	340
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	L 3	840	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	5	L 4	20	L 4	170	N-D	N-D
	DIETHYL PHTHALATE	UG/L	6	L 5	17	L 5	N-D	50	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	N-D	N-D	140
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	L 5	N-D	N-D	40
	CHRYSENE	UG/L	L 5	L 5	-	L 5	N-D	N-D	140
	ACENAPHTHYLENE	UG/L	L 10	L 10	-	L 10	N-D	N-D	610
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	N-D	N-D	1400
	1,12-BENZOPERYLENE	UG/L	L 25	L 25	-	L 25	N-D	N-D	130
	FLUORENE	UG/L	L 5	L 5	-	L 5	N-D	N-D	500
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	N-D	N-D	1400
	PYRENE	UG/L	L 4	L 4	-	L 4	N-D	N-D	620

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/18

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 20

SAMPLE DATE ENDING 80/02/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	NITRIF SLUDGE
PESTICIDES	GAMMA-BHC	MG/L	440	L 50	89	140	N-D	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	90	L 50	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	230	70	160
	CADMIUM	UG/L	L 2	L 2	-	L 2	74	37	12
	CHROMIUM	UG/L	22	L 5	77	L 5	1900	720	520
	COPPER	UG/L	162	7	96	9	7600	2600	1600
	CYANIDE	UG/L	228	84	63	1480	41400	3000	1700
	LEAD	UG/L	L 50	L 50	-	L 50	2900	600	1500
	MERCURY	MG/L	900	L 200	78	L 200	64000	25000	4000
	NICKEL	UG/L	41	L 10	76	L 10	2200	540	350
	SELENIUM	UG/L	L 50	L 50	-	L 50	190	L 100	NOT RUN
	SILVER	UG/L	L 5	L 5	-	L 5	400	140	110
	ZINC	UG/L	302	34	89	37	25000	7900	2900
NON-CONV. METALS	ALUMINUM	UG/L	3060	45	99	21	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	125	44	65	38	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	43	39	9	40	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	3420	91	97	62	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	24	24	-	24	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	41	57	-	5	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	113	117	-	122	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 20

SAMPLE DATE ENDING 80/02/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	NITRIF SLUDGE
CONVENTIONALS	BOD	MG/L	237	20	92	12	22992	9211	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	430	18	96	9	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	500	40	92	36	59200	11200	NOT RUN
	OIL & GREASE	MG/L	49	14	71	5	4600	320	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	490	606	-	100	497	313	NOT RUN
	TOTAL SOLIDS	MG/L	1110	676	39	491	79145	9316	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	770	680	12	658	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	13	L 1	92	L 1	1000	995	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	365	84	77	109	39629	6040	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	110	37	66	103	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	235	12	95	5	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	14	9	36	T 1	71	21	NOT RUN
	TOC	MG/L	8	12	-	12	955	550	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	12	N-D	NOT RUN
	CARBON TETRACHLORIDE	UG/L	5	L 1	80	L 1	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	20	1	95	L 1	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	L 1	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	4	2	50	24	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	L 1	189	N-D	NOT RUN
	ETHYLBENZENE	UG/L	5	L 1	80	L 1	45	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	54	13	76	3	N-D	N-D	NOT RUN
	METHYL BROMIDE	UG/L	92	L 20	78	L 20	N-D	N-D	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 1	1	-	14	N-D	N-D	NOT RUN
	DICHLORODIFLUOROMETHANE	UG/L	52	L 25	52	48	N-D	N-D	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	L 1	L 1	-	7	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	22	L 1	95	L 1	N-D	N-D	NOT RUN
	TOLUENE	UG/L	31	L 1	97	L 1	236	42	NOT RUN
	TRICHLOROETHYLENE	UG/L	23	1	96	L 1	N-D	N-D	NOT RUN
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	1	L 1	-	L 1	N-D	N-D	NOT RUN
	PHENOL	UG/L	10	L 1	90	L 1	N-D	N-D	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	15	L 5	67	L 5	N-D	N-D	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	260	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	60	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	23	4	83	5	2900	620	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	L 3	40	L 3	960	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	5	L 4	20	L 4	300	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	L 5	L 5	-	L 5	70	N-D	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	100	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	100	N-D	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	L 4	60	N-D	NOT RUN
PESTICIDES	HEPTACHLOR EPOXIDE	NG/L	230	L 100	57	L 200	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	160	L 50	69	140	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	290	L 50	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	440	90	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/19

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETERMINED

DAILY ANALYTICAL RESULTS

PLANT 20

SAMPLE DATE ENDING 80/02/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	NITRIF SLUDGE
METALS	CADMIUM	UG/L	L 2	L 2	-	L 2	32	37	NOT RUN
	CHROMIUM	UG/L	51	L 5	90	L 5	3300	1500	NOT RUN
	COPPER	UG/L	201	8	96	9	12000	3600	NOT RUN
	CYANIDE	UG/L	292	75	74	1290	42500	2500	NOT RUN
	LEAD	UG/L	L 50	L 50	-	L 50	7600	800	NOT RUN
	MERCURY	MG/L	700	L 200	71	L 200	110	19000	NOT RUN
	NICKEL	UG/L	90	18	80	25	4800	1400	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	100	L 100	NOT RUN
	SILVER	UG/L	10	L 5	50	L 5	400	330	NOT RUN
	ZINC	UG/L	339	36	89	32	18000	12000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	3850	57	99	21	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	38	44	-	39	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	50	42	16	40	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	4400	144	97	L 50	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	26	23	12	22	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	107	66	38	12	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	115	110	4	107	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 20

SAMPLE DATE ENDING 80/02/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	NITRIF SLUDGE
CONVENTIONALS	BOD	MG/L	184	21	89	7	15295	7200	6556
	TOTAL SUSP. SOLIDS	MG/L	283	12	96	3	57000	NOT RUN	NOT RUN
	COD	MG/L	460	32	93	24	36800	10240	8960
	OIL & GREASE	MG/L	35	10	71	7	420	8300	330
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	350	362	-	118	576	313	301
	TOTAL SOLIDS	MG/L	1127	777	31	800	57832	9478	7908
	TOTAL DISS. SOLIDS	MG/L	784	740	6	765	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	12	L 1	92	L 1	1000	1000	900
	TOTAL VOLATILE SOLIDS	MG/L	349	102	71	101	28901	6141	5507
	VOLATILE DISS. SOLIDS	MG/L	76	103	-	102	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	140	5	96	T 1	29000	6666	NOT RUN
	AMMONIA NITROGEN	MG/L	13	8	38	T 1	48	22	7
	TOC	MG/L	72	15	79	13	850	355	330
VOLATILES	BENZENE	UG/L	5	L 1	80	L 1	29	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	18	L 1	94	L 1	N-D	N-D	N-D
	CHLOROFORM	UG/L	4	2	50	23	N-D	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	L 1	1455	N-D	N-D
	ETHYLBENZENE	UG/L	8	L 1	88	L 1	175	N-D	N-D
	METHYLENE CHLORIDE	UG/L	56	13	77	3	N-D	N-D	N-D
	METHYL BROMIDE	UG/L	130	L 20	85	L 20	N-D	N-D	N-D
	BROMOFORM	UG/L	L 1	L 1	-	1	N-D	N-D	N-D
	DICHLOROBROMOMETHANE	UG/L	L 1	1	-	17	N-D	N-D	N-D
	DICHLORODIFLUOROMETHANE	UG/L	76	58	24	56	N-D	N-D	N-D
	CHLORODIBROMOMETHANE	UG/L	L 1	L 1	-	11	N-D	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	27	2	93	L 1	N-D	N-D	N-D
	TOLUENE	UG/L	29	L 1	97	L 1	497	174	121
	TRICHLOROETHYLENE	UG/L	25	1	96	L 1	N-D	N-D	N-D
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	1	1	-	L 1	N-D	N-D	N-D
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	19	3	84	13	1800	840	510
	BUTYL BENZYL PHTHALATE	UG/L	4	L 3	25	L 3	700	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	L 4	180	N-D	N-D
	DIETHYL PHTHALATE	UG/L	L 5	L 5	-	L 5	N-D	N-D	107
PESTICIDES	GAMMA-BHC	MG/L	70	100	-	180	N-D	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	240	L 50	L 50
	ARSENIC	UG/L	56	L 50	11	L 50	300	60	70
	CADMIUM	UG/L	L 2	L 2	-	L 2	110	40	20
	CHROMIUM	UG/L	25	L 5	80	L 5	5000	780	1500
	COPPER	UG/L	165	9	95	7	19000	3200	3300
	CYANIDE	UG/L	245	78	68	2020	23800	2200	1600
	LEAD	UG/L	L 50	L 50	-	L 50	8900	930	1700
	MERCURY	MG/L	400	L 200	50	L 200	140000	25000	35000
	NICKEL	UG/L	50	23	54	L 10	4500	850	1200
	SELENIUM	UG/L	L 50	L 50	-	L 50	130	L 100	L 100
	SILVER	UG/L	11	L 5	55	L 5	1200	200	260

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/20
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 20

SAMPLE DATE ENDING 80/02/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	NITRIF SLUDGE
METALS	ZINC	UG/L	232	39	83	37	45000	7900	9000
NON-CONV. METALS	ALUMINUM	UG/L	3250	126	96	45	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	130	49	62	43	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	51	46	10	46	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	3290	116	96	54	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	29	27	7	27	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	98	64	35	3	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	125	129	-	129	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/20
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
B-S-UNIT METERS.

DAILY ANALYTICAL RESULTS

PLANT 21

SAMPLE DATE ENDING 80/02/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	RECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	285	55	81	28	20663	6429	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	350	41	88	34	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	740	132	82	44	54400	10400	NOT RUN
	OIL & GREASE	MG/L	27	13	52	12	7800	300	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	307	L 1	100	39	454	87	NOT RUN
	TOTAL SOLIDS	MG/L	1040	676	35	670	49491	12194	NOT RUN
	SETTLEABLE SOLIDS	ML/L	26	L 1	96	L 1	1000	600	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	402	127	68	96	35956	6998	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	285	17	92	12	35500	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	14	10	29	3	39	77	NOT RUN
	TOC	MG/L	85	38	55	21	800	410	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	29	1	NOT RUN
	CHLOROBENZENE	UG/L	L 1	L 1	-	L 1	12	M-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	4	L 1	83	L 1	M-D	M-D	NOT RUN
	CHLOROFORM	UG/L	8	2	75	2	M-D	M-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	L 1	58	M-D	NOT RUN
	ETHYLBENZENE	UG/L	1	L 1	-	L 1	18	M-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	12	3	75	3	26	M-D	NOT RUN
	METHYL CHLORIDE	UG/L	89	L 25	72	L 25	M-D	M-D	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	1	M-D	M-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	9	1	89	L 1	106	2	NOT RUN
	TOLUENE	UG/L	8	1	88	L 1	187	12	NOT RUN
	TRICHLOROETHYLENE	UG/L	4	L 1	75	L 1	72	M-D	NOT RUN
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	1	L 1	-	L 1	M-D	M-D	NOT RUN
	2,4-DIMETHYLPHENOL	UG/L	2	L 1	50	L 1	M-D	M-D	NOT RUN
	PENTACHLOROPHENOL	UG/L	420	160	62	15	M-D	M-D	NOT RUN
	PHENOL	UG/L	46	1	98	L 1	M-D	M-D	NOT RUN
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 10	L 10	-	L 10	450	M-D	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	540	260	NOT RUN
	NAPHTHALENE	UG/L	25	L 3	88	L 3	1200	M-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	18	14	22	3	2500	5000	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	7	L 3	57	3	1300	M-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	L 4	540	M-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	15	L 9	67	L 9	M-D	M-D	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	L 5	190	M-D	NOT RUN
	FLUORENE	UG/L	L 5	L 5	-	L 5	330	M-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	930	M-D	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	L 4	460	480	NOT RUN
PESTICIDES	ALPHA-BHC	NG/L	40	370	-	L 130	M-D	M-D	NOT RUN
	BETA-BHC	NG/L	10	L 20	-	L 20	M-D	M-D	NOT RUN
	GAMMA-BHC	NG/L	60	70	-	110	M-D	M-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	25	12	NOT RUN
	ARSENIC	UG/L	57	52	9	L 50	530	260	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	L 2	15	150	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/23

(L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED)

DAILY ANALYTICAL RESULTS

PLANT 21

SAMPLE DATE ENDING 80/02/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
METALS	CHROMIUM	UG/L	29	13	55	L 5	1000	2300	NOT RUN
	COPPER	UG/L	102	76	25	18	3200	9800	NOT RUN
	CYANIDE	UG/L	203	119	41	38	56900	9100	NOT RUN
	LEAD	UG/L	L 50	L 50	-	L 50	3200	2800	NOT RUN
	MERCURY	MG/L	500	200	60	L 200	59000	56000	NOT RUN
	NICKEL	UG/L	17	30	-	34	480	600	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	26	13	NOT RUN
	SILVER	UG/L	L 5	L 5	-	L 5	190	180	NOT RUN
	ZINC	UG/L	273	107	61	L 20	3900	7600	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1870	431	77	350	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	190	84	56	29	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	42	37	12	37	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1650	583	65	478	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	16	15	6	15	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	337	179	47	208	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	114	112	2	116	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/23
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 21

SAMPLE DATE ENDING 80/02/25 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	230	58	75	22	12115	6389	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	150	12	92	13	NOT RUN	6250	NOT RUN
	COD	MG/L	560	152	73	108	22400	10400	NOT RUN
	OIL & GREASE	MG/L	40	16	60	19	6300	560	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	81	69	15	51	515	210	NOT RUN
	TOTAL SOLIDS	MG/L	921	685	26	661	26742	7435	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	637	603	5	566	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	10	L 1	90	L 1	1000	375	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	307	137	55	105	19998	4339	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	84	64	24	61	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	115	8	93	T 1	NOT RUN	2500	NOT RUN
	AMMONIA NITROGEN	MG/L	15	9	40	4	37	32	NOT RUN
	TOC	MG/L	175	40	77	22	800	240	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	N-D	1	NOT RUN
	CHLOROBENZENE	UG/L	L 1	L 1	-	L 1	6	N-D	NOT RUN
	1,2-DICHLOROETHANE	UG/L	2	L 1	50	L 1	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	5	L 1	80	L 1	N-D	N-D	NOT RUN
	1,1,2-TRICHLOROETHANE	UG/L	L 1	L 1	-	L 1	107	N-D	NOT RUN
	CHLOROFORM	UG/L	10	2	80	3	98	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	L 1	204	N-D	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	L 1	N-D	6	NOT RUN
	ETHYLBENZENE	UG/L	2	L 1	50	L 1	15	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	50	58	-	2	3570	179	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	2	N-D	N-D	NOT RUN
	DICHLORODIFLUOROMETHANE	UG/L	L 20	L 20	-	L 20	72	32	NOT RUN
	TETRACHLOROETHYLENE	UG/L	25	4	84	L 1	62	5	NOT RUN
	TOLUENE	UG/L	180	2	99	L 1	1030	309	NOT RUN
	TRICHLOROETHYLENE	UG/L	10	L 1	90	L 1	157	N-D	NOT RUN
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	1	L 1	-	L 1	N-D	N-D	NOT RUN
	2,4-DIMETHYLPHENOL	UG/L	3	L 1	67	L 1	N-D	N-D	NOT RUN
	PENTACHLOROPHENOL	UG/L	240	170	29	17	1400	330	NOT RUN
	PHENOL	UG/L	64	1	98	1	N-D	N-D	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	6	L 5	17	L 5	N-D	N-D	NOT RUN
	NAPHTHALENE	UG/L	23	L 3	87	L 3	390	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	17	6	65	5	2800	13000	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	L 3	40	L 3	540	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	7	L 4	43	L 4	N-D	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	12	L 5	58	L 5	N-D	N-D	NOT RUN
PESTICIDES	ALPHA-BHC	NG/L	20	L 20	-	100	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	L 10	L 20	-	40	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	15	7	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	200	180	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	L 2	110	94	NOT RUN
	CHROMIUM	UG/L	60	14	77	L 5	1500	2000	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/25
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 21

SAMPLE DATE ENDING 80/02/25 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
METALS	COPPER	UG/L	227	89	61	20	6500	11000	NOT RUN
	CYANIDE	UG/L	236	158	33	43	38600	6600	NOT RUN
	LEAD	UG/L	L 50	L 50	-	L 50	2900	3200	NOT RUN
	MERCURY	MG/L	800	300	63	L 200	300000	38000	NOT RUN
	NICKEL	UG/L	57	36	37	25	300	300	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	14	8	NOT RUN
	SILVER	UG/L	L 5	L 5	-	L 5	230	180	NOT RUN
	ZINC	UG/L	170	57	66	L 20	7800	5600	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1360	327	76	344	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	200	78	61	31	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	38	33	13	36	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1580	483	69	506	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	15	14	7	15	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	276	162	41	188	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	125	111	11	114	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/25
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 21

SAMPLE DATE ENDING 80/02/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	217	51	76	17	13782	12472	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	248	12	95	10	32500	6000	NOT RUN
	COD	MG/L	560	132	76	80	24000	20400	NOT RUN
	OIL & GREASE	MG/L	34	15	56	NOT RUN	5900	200	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	851	124	85	51	576	191	NOT RUN
	TOTAL SOLIDS	MG/L	1006	733	27	652	31819	19569	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	753	667	11	561	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	27	L 1	96	L 1	1000	900	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	332	119	64	85	23597	11684	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	27	75	-	34	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	198	2	99	3	26000	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	18	9	50	4	34	68	NOT RUN
	TOC	MG/L	90	35	61	32	435	900	NOT RUN
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	3	L 1	67	L 1	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	9	2	78	3	117	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	L 1	30	N-D	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	L 1	N-D	17	NOT RUN
	ETHYLBENZENE	UG/L	4	L 1	75	L 1	43	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	30	17	43	3	617	259	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	2	N-D	N-D	NOT RUN
	DICHLORODIFLUOROMETHANE	UG/L	L 20	L 20	-	L 20	163	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	18	4	78	L 1	232	12	NOT RUN
	TOLUENE	UG/L	21	3	86	L 1	384	210	NOT RUN
	TRICHLOROETHYLENE	UG/L	4	L 1	75	L 1	278	3	NOT RUN
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	1	L 5	-	L 1	N-D	N-D	NOT RUN
	PENTACHLOROPHENOL	UG/L	180	140	22	16	2500	880	NOT RUN
	PHENOL	UG/L	64	1	98	1	N-D	N-D	NOT RUN
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 10	L 10	-	L 10	430	37	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	347	57	NOT RUN
	NAPHTHALENE	UG/L	25	L 3	88	L 3	1100	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	17	L 3	82	23	2600	2000	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	6	L 3	50	L 3	1500	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	10	6	40	5	460	57	NOT RUN
	DIETHYL PHTHALATE	UG/L	9	L 5	44	L 5	N-D	N-D	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	L 5	79	44	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	610	44	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	L 4	363	180	NOT RUN
PESTICIDES	ALPHA-BHC	NG/L	L 10	220	-	30	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	30	50	-	20	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	28	22	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	220	440	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	L 2	21	19	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	L 2	150	150	NOT RUN
	CHROMIUM	UG/L	56	19	66	6	1700	3500	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/26
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 21

SAMPLE DATE ENDING 80/02/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
METALS	COPPER	UG/L	351	135	62	16	2500	1400	NOT RUN
	CYANIDE	UG/L	236	176	25	53	22400	7600	NOT RUN
	LEAD	UG/L	L 50	L 50	-	L 50	4800	8300	NOT RUN
	MERCURY	NG/L	900	L 200	78	200	64000	89000	NOT RUN
	NICKEL	UG/L	59	40	32	35	130	760	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	15	11	NOT RUN
	SILVER	UG/L	L 5	L 5	-	L 5	290	270	NOT RUN
	ZINC	UG/L	242	72	70	L 20	2300	8800	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1360	298	78	299	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	185	78	58	28	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	36	34	6	35	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1550	438	72	478	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	14	14	-	14	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	258	166	36	184	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	139	130	6	107	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/26
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
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DAILY ANALYTICAL RESULTS

PLANT 21

SAMPLE DATE ENDING 80/02/27 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	235	76	68	23	15135	16590	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	263	31	88	34	22667	NOT RUN	NOT RUN
	COD	MG/L	500	140	72	116	74400	20000	NOT RUN
	OIL & GREASE	MG/L	34	15	56	13	4600	250	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	332	191	42	L 1	533	197	NOT RUN
	TOTAL SOLIDS	MG/L	998	762	24	671	38425	22203	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	640	658	-	590	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	30	L 1	97	L 1	1000	950	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	345	125	64	93	27148	16064	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	12	49	-	95	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	224	24	89	27	19667	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	18	8	56	5	38	67	NOT RUN
	TOC	MG/L	110	34	69	20	1300	650	NOT RUN
VOLATILES	CHLOROBENZENE	UG/L	L 1	L 1	-	L 1	23	N-D	NOT RUN
	1,2-DICHLOROETHANE	UG/L	2	L 1	50	L 1	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	62	L 1	98	L 1	N-D	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	353	N-D	NOT RUN
	CHLOROFORM	UG/L	9	2	78	3	101	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	L 1	N-D	N-D	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	L 1	9	N-D	NOT RUN
	ETHYLBENZENE	UG/L	2	L 1	50	L 1	45	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	39	10	74	3	667	77	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	2	N-D	N-D	NOT RUN
	DICHLORODIFLUOROMETHANE	UG/L	L 20	L 20	-	L 20	21	27	NOT RUN
	TETRACHLOROETHYLENE	UG/L	13	1	92	L 1	N-D	4	NOT RUN
	TOLUENE	UG/L	28	2	93	L 1	472	78	NOT RUN
	TRICHLOROETHYLENE	UG/L	5	L 1	80	L 1	89	N-D	NOT RUN
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	1	L 1	-	L 1	N-D	N-D	NOT RUN
	2,4-DIMETHYLPHENOL	UG/L	3	L 1	67	L 1	N-D	N-D	NOT RUN
	PENTACHLOROPHENOL	UG/L	640	440	31	27	7900	1200	NOT RUN
	PHENOL	UG/L	76	1	99	1	N-D	N-D	NOT RUN
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 10	L 10	-	L 10	404	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	370	N-D	NOT RUN
	NAPHTHALENE	UG/L	44	3	93	L 3	1900	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	29	60	-	3	2700	1600	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	10	L 3	70	L 3	1600	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	11	7	36	5	460	N-D	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	6	-	L 5	N-D	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	12	L 5	58	L 5	N-D	N-D	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	L 5	83	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	660	N-D	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	L 4	350	150	NOT RUN
PESTICIDES	ALPHA-BHC	NG/L	L 10	190	-	L 30	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	60	L 20	67	L 20	N-D	N-D	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/27

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 21

SAMPLE DATE ENDING 80/02/27 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	30	12	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	230	410	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	L 2	32	L 10	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	L 2	150	140	NOT RUN
	CHROMIUM	UG/L	38	11	71	L 5	2300	4000	NOT RUN
	COPPER	UG/L	354	150	58	15	5800	26000	NOT RUN
	CYANIDE	UG/L	206	148	28	55	36600	8900	NOT RUN
	LEAD	UG/L	L 50	L 50	-	L 50	6200	5800	NOT RUN
	MERCURY	MG/L	700	300	57	L 200	240000	62000	NOT RUN
	NICKEL	UG/L	52	42	19	17	550	1700	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	6	14	NOT RUN
	SILVER	UG/L	L 5	L 5	-	L 5	290	330	NOT RUN
	ZINC	UG/L	216	82	62	L 20	7400	15000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1270	342	73	596	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	180	79	56	31	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	35	33	6	34	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1580	484	69	774	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	13	13	-	14	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	246	155	37	194	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	126	134	-	106	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/27
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D.=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 21

SAMPLE DATE ENDING 80/02/28 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	225	44	80	23	12714	8500	2
	TOTAL SUSP. SOLIDS	MG/L	274	35	87	36	NOT RUN	NOT RUN	5
	COD	MG/L	2520	152	94	88	49600	36800	T 1
	OIL & GREASE	MG/L	26	6	77	4	3700	500	6
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1022	167	84	32	576	167	NOT RUN
	TOTAL SOLIDS	MG/L	1027	731	29	681	37174	28041	140
	TOTAL DISS. SOLIDS	MG/L	556	652	-	588	NOT RUN	NOT RUN	188
	SETTLEABLE SOLIDS	ML/L	21	L 1	95	L 1	1000	990	L 1
	TOTAL VOLATILE SOLIDS	MG/L	371	125	66	109	27781	18062	24
	VOLATILE DISS. SOLIDS	MG/L	20	113	-	61	NOT RUN	NOT RUN	30
	TOTAL VOL. SUS. SOLIDS	MG/L	240	30	88	33	NOT RUN	NOT RUN	3
	AMMONIA NITROGEN	MG/L	18	10	44	4	37	91	T 1
	TOC	MG/L	115	37	68	36	1500	1000	11
VOLATILES	CHLOROBENZENE	UG/L	L 1	L 1	-	L 1	15	N-D	L 1
	1,2-DICHLOROETHANE	UG/L	2	L 1	50	L 1	N-D	N-D	L 1
	1,1,1-TRICHLOROETHANE	UG/L	15	2	87	L 1	N-D	N-D	L 1
	1,1,2-TRICHLOROETHANE	UG/L	L 1	L 1	-	L 1	152	N-D	L 1
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	209	N-D	L 1
	CHLOROFORM	UG/L	8	2	75	3	N-D	N-D	L 1
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	L 1	182	N-D	L 1
	ETHYLBENZENE	UG/L	2	L 1	50	2	144	N-D	L 1
	METHYLENE CHLORIDE	UG/L	130	8	94	L 3	451	73	L 3
	METHYL CHLORIDE	UG/L	290	L 25	91	L 25	N-D	N-D	L 25
	BROMOFORM	UG/L	L 1	L 1	-	L 1	N-D	N-D	4
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	2	N-D	N-D	1
	DICHLORODIFLUOROMETHANE	UG/L	L 20	L 20	-	L 20	422	27	L 20
	CHLORODIBROMOMETHANE	UG/L	L 1	L 1	-	L 1	N-D	N-D	3
	TETRACHLOROETHYLENE	UG/L	10	1	90	L 1	N-D	7	L 1
	TOLUENE	UG/L	91	3	97	L 1	516	136	L 1
	TRICHLOROETHYLENE	UG/L	4	L 1	75	L 1	181	N-D	L 1
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	2	L 1	50	L 1	N-D	N-D	L 1
	PENTACHLOROPHENOL	UG/L	480	290	40	10	10500	3100	2
	PHENOL	UG/L	44	1	98	1	N-D	N-D	1
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 10	L 10	-	L 10	320	79	L 10
	1,2-DICHLOROBENZENE	UG/L	18	L 5	72	L 5	N-D	N-D	L 5
	1,4-DICHLOROBENZENE	UG/L	8	L 5	38	L 5	N-D	N-D	L 5
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	380	120	L 4
	NAPHTHALENE	UG/L	21	L 3	86	L 3	1300	N-D	L 3
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	49	8	84	21	3100	2900	L 3
	BUTYL BENZYL PHTHALATE	UG/L	11	L 3	73	L 3	1600	N-D	4
	DI-N-BUTYL PHTHALATE	UG/L	L 4	6	-	4	508	78	4
	DIETHYL PHTHALATE	UG/L	13	L 5	62	L 5	N-D	N-D	L 5
	CHRYSENE	UG/L	L 5	L 5	-	L 5	89	65	L 5
	ACENAPHTHYLENE	UG/L	L 10	L 10	-	L 10	320	N-D	L 10
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	510	76	L 5
	PYRENE	UG/L	L 4	L 4	-	L 4	390	294	L 4

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/28

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 21

SAMPLE DATE ENDING 80/02/28 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
PESTICIDES	ALPHA-BHC	NG/L	L 10	230	-	L 30	N-D	N-D	L 10
	GAMMA-BHC	NG/L	40	L 20	50	L 20	N-D	N-D	L 10
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	24	13	L 50
	ARSENIC	UG/L	L 50	L 50	-	L 50	360	560	L 50
	BERYLLIUM	UG/L	L 2	L 2	-	L 2	10	17	L 2
	CADMIUM	UG/L	L 2	L 2	-	L 2	110	92	L 2
	CHROMIUM	UG/L	47	19	60	L 5	3000	3600	L 5
	COPPER	UG/L	658	197	70	21	14000	19000	L 2
	CYANIDE	UG/L	187	130	30	54	34400	8100	NOT RUN
	LEAD	UG/L	52	L 50	4	L 50	5400	5700	L 50
	MERCURY	NG/L	600	300	50	L 200	97000	86000	L 200
	NICKEL	UG/L	55	41	25	24	430	980	L 10
	SELENIUM	UG/L	L 50	L 50	-	L 50	63	24	L 50
	SILVER	UG/L	L 5	L 5	-	L 5	240	320	L 5
	ZINC	UG/L	265	73	72	29	8700	8700	L 20
NON-CONV. METALS	ALUMINUM	UG/L	1720	342	80	444	NOT RUN	NOT RUN	85
	BARIUM	UG/L	194	80	59	32	NOT RUN	NOT RUN	43
	CALCIUM	MG/L	35	33	6	38	NOT RUN	NOT RUN	15
	IRON	UG/L	2200	543	75	638	NOT RUN	NOT RUN	L 50
	MAGNESIUM	MG/L	14	13	7	16	NOT RUN	NOT RUN	6
	MANGANESE	UG/L	266	170	36	193	NOT RUN	NOT RUN	L 2
	SODIUM	MG/L	127	125	2	116	NOT RUN	NOT RUN	9

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/28
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 21

SAMPLE DATE ENDING 80/02/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	236	67	72	23	20325	10861	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	277	42	85	44	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	520	100	81	104	77600	15200	NOT RUN
	OIL & GREASE	MG/L	25	13	48	9	5200	950	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	362	69	81	51	289	332	NOT RUN
	TOTAL SOLIDS	MG/L	896	675	25	653	37105	15743	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	841	695	17	605	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	32	L 1	97	L 1	1000	995	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	304	113	63	111	28478	9710	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	122	88	28	69	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	157	23	85	26	NOT RUN	2000	NOT RUN
	AMMONIA NITROGEN	MG/L	17	8	53	4	38	53	NOT RUN
	TOC	MG/L	180	39	78	45	770	445	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	1	N-D	NOT RUN
	CHLOROBENZENE	UG/L	L 1	L 1	-	L 1	2	N-D	NOT RUN
	1,2-DICHLOROETHANE	UG/L	2	L 1	50	L 1	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	9	L 1	89	L 1	N-D	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	14	N-D	NOT RUN
	CHLOROFORM	UG/L	7	2	71	3	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	L 1	32	N-D	NOT RUN
	ETHYLBENZENE	UG/L	2	L 1	50	2	N-D	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	54	9	83	L 3	77	N-D	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	2	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	13	2	85	L 1	N-D	N-D	NOT RUN
	TOLUENE	UG/L	36	2	94	L 1	38	N-D	NOT RUN
	TRICHLOROETHYLENE	UG/L	7	L 1	86	L 1	20	N-D	NOT RUN
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	1	L 1	-	L 1	N-D	N-D	NOT RUN
	2,4-DIMETHYLPHENOL	UG/L	1	L 1	-	L 1	N-D	N-D	NOT RUN
	PENTACHLOROPHENOL	UG/L	100	120	-	11	3200	1500	NOT RUN
	PHENOL	UG/L	34	1	97	1	N-D	N-D	NOT RUN
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 10	L 10	-	L 10	240	39	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	15	L 5	67	L 5	702	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	7	L 5	29	L 5	N-D	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	281	59	NOT RUN
	NAPHTHALENE	UG/L	23	L 3	87	L 3	1020	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	30	18	40	L 3	2500	N-D	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	7	L 3	57	L 3	2400	1800	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	4	-	4	440	48	NOT RUN
	DIETHYL PHTHALATE	UG/L	15	L 5	67	L 5	N-D	N-D	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	L 5	74	37	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	370	43	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	L 4	281	139	NOT RUN
PESTICIDES	ALPHA-BHC	NG/L	40	170	-	L 30	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	80	120	-	L 20	N-D	N-D	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/29

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 21

SAMPLE DATE ENDING 80/02/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	37	10	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	240	310	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	L 2	15	15	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	L 2	140	180	NOT RUN
	CHROMIUM	UG/L	46	13	72	L 5	1700	3000	NOT RUN
	COPPER	UG/L	323	255	21	18	19000	9700	NOT RUN
	CYANIDE	UG/L	NOT RUN	212	-	53	32600	5200	NOT RUN
	LEAD	UG/L	176	L 50	72	L 50	5700	4400	NOT RUN
	MERCURY	NG/L	600	300	50	L 200	55000	61000	NOT RUN
	NICKEL	UG/L	133	48	64	30	230	300	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	12	12	NOT RUN
	SILVER	UG/L	L 5	L 5	-	L 5	240	210	NOT RUN
	ZINC	UG/L	192	77	60	24	11000	3300	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1300	373	71	344	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	174	76	56	31	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	33	33	-	36	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1600	631	61	481	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	13	13	-	15	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	248	201	19	185	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	121	128	-	113	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/29
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 22

SAMPLE DATE ENDING 80/03/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMBINED SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	260	55	79	18	19854	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	185	16	91	5	28500	NOT RUN
	COD	MG/L	720	140	81	160	56000	NOT RUN
	OIL & GREASE	MG/L	45	18	60	20	6600	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	124	185	-	155	234	NOT RUN
	TOTAL SOLIDS	MG/L	525	325	38	365	34202	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	173	261	-	281	5000	NOT RUN
	SETTLEABLE SOLIDS	ML/L	5	L 1	80	L 1	1000	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	221	52	76	61	21712	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	NOT RUN	59	-	51	1500	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	70	5	93	3	7500	NOT RUN
	AMMONIA NITROGEN	MG/L	18	15	17	11	128	NOT RUN
	TOC	MG/L	80	25	69	30	4040	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	38	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	9	L 1	89	L 1	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	16	L 1	94	L 1	N-D	NOT RUN
	CHLOROFORM	UG/L	3	L 1	67	L 1	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	15	2	87	L 1	1260	NOT RUN
	ETHYLBENZENE	UG/L	15	L 1	93	L 1	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	24	10	58	4	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	2100	25	99	23	N-D	NOT RUN
	TOLUENE	UG/L	24	L 1	96	L 1	90	NOT RUN
	TRICHLOROETHYLENE	UG/L	35	41	-	2	N-D	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	3	L 2	33	4	N-D	NOT RUN
	PHENOL	UG/L	10	1	90	1	N-D	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	470	NOT RUN
	ISOPHORONE	UG/L	L 10	L 10	-	17	N-D	NOT RUN
	NAPHTHALENE	UG/L	6	L 3	50	L 3	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	65	25	62	13	42000	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	9	23	-	L 3	2090	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	15	L 5	67	L 5	N-D	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	11	-	L 5	N-D	NOT RUN
	CHRYSENE	UG/L	L 5	11	-	L 5	N-D	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	99	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	99	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	L 4	100	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	30	120	-	220	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	590	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	32	NOT RUN
	CADMIUM	UG/L	6	L 2	67	L 2	190	NOT RUN
	CHROMIUM	UG/L	293	91	69	97	23000	NOT RUN
	COPPER	UG/L	425	80	81	57	5000	NOT RUN
	CYANIDE	UG/L	138	11	92	4780	19300	NOT RUN
	LEAD	UG/L	199	L 50	75	L 50	93000	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/17

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 22

SAMPLE DATE ENDING 80/03/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMBINED SLUDGE	TAP WATER
METALS	MERCURY	NG/L	L 200	L 200	-	L 200	58000	NOT RUN
	NICKEL	UG/L	205	151	26	172	2100	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	7	NOT RUN
	SILVER	UG/L	7	L 5	29	7	1200	NOT RUN
	ZINC	UG/L	1110	134	88	113	24000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	3030	194	94	128	NOT RUN	NOT RUN
	BARIUM	UG/L	255	19	93	13	NOT RUN	NOT RUN
	CALCIUM	MG/L	15	15	-	14	NOT RUN	NOT RUN
	IRON	UG/L	4470	406	91	372	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	4	4	-	4	NOT RUN	NOT RUN
	MANGANESE	UG/L	499	195	61	209	NOT RUN	NOT RUN
	SODIUM	MG/L	57	53	7	66	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/17
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 22

SAMPLE DATE ENDING 80/03/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMBINED SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	269	39	86	19	11614	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	160	28	82	11	47500	NOT RUN
	COD	MG/L	680	196	71	116	65600	NOT RUN
	OIL & GREASE	MG/L	24	9	65	8	3800	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	252	417	-	81	594	NOT RUN
	TOTAL SOLIDS	MG/L	672	401	40	350	48219	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	250	330	-	260	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	L 1	L 1	75	L 1	995	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	272	95	65	71	29495	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	97	71	27	41	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	70	10	86	2	21000	NOT RUN
	AMMONIA NITROGEN	MG/L	19	18	5	13	145	NOT RUN
	TOC	MG/L	85	46	46	32	5400	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	155	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	13	L 1	92	L 1	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	7	L 1	86	1	N-D	NOT RUN
	CHLOROFORM	UG/L	2	L 1	50	1	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	18	2	89	L 1	1380	NOT RUN
	ETHYLBENZENE	UG/L	6	1	83	L 1	112	NOT RUN
	METHYLENE CHLORIDE	UG/L	15	8	47	4	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	540	21	96	17	N-D	NOT RUN
	TOLUENE	UG/L	68	L 1	99	L 1	525	NOT RUN
	TRICHLOROETHYLENE	UG/L	34	7	79	2	N-D	NOT RUN
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	4	1	75	L 1	N-D	NOT RUN
	PENTACHLOROPHENOL	UG/L	2	2	-	2	N-D	NOT RUN
	PHENOL	UG/L	17	1	94	1	320	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	19	L 5	74	L 5	280	NOT RUN
	ISOPHORONE	UG/L	L 10	L 10	-	13	N-D	NOT RUN
	NAPHTHALENE	UG/L	29	L 3	90	L 3	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	670	61	91	12	30100	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	35	3	91	L 3	2260	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	5	-	5	N-D	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	32	L 5	84	L 5	N-D	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	88	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	88	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	L 4	67	NOT RUN
PESTICIDES	4,4'-DDD	NG/L	L 60	60	-	L 60	N-D	NOT RUN
	GAMMA-BHC	NG/L	30	10	67	170	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	870	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	41	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	L 2	47	NOT RUN
	CADMIUM	UG/L	6	L 2	67	L 2	260	NOT RUN
	CHROMIUM	UG/L	461	114	75	82	15000	NOT RUN
	COPPER	UG/L	212	83	61	64	3700	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 22

SAMPLE DATE ENDING 80/03/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMBINED SLUDGE	TAP WATER
METALS	CYANIDE	UG/L	180	136	24	3200	21200	NOT RUN
	LEAD	UG/L	367	92	75	52	85000	NOT RUN
	MERCURY	NG/L	300	L 200	33	L 200	51000	NOT RUN
	NICKEL	UG/L	458	212	54	186	4500	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	16	NOT RUN
	SILVER	UG/L	19	7	63	L 5	990	NOT RUN
	ZINC	UG/L	1380	222	84	111	7100	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	2380	300	87	229	NOT RUN	NOT RUN
	BARIUM	UG/L	489	29	94	15	NOT RUN	NOT RUN
	CALCIUM	MG/L	16	16	-	14	NOT RUN	NOT RUN
	IRON	UG/L	3260	635	81	393	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	5	4	20	4	NOT RUN	NOT RUN
	MANGANESE	UG/L	462	250	46	205	NOT RUN	NOT RUN
	SODIUM	MG/L	82	69	16	58	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 22

SAMPLE DATE ENDING 80/03/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMBINED SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	277	28	90	24	7839	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	200	31	84	23	NOT RUN	NOT RUN
	COD	MG/L	596	200	66	108	57600	NOT RUN
	OIL & GREASE	MG/L	32	6	81	4	3700	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	307	94	69	57	594	NOT RUN
	TOTAL SOLIDS	MG/L	664	428	36	372	42520	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	340	167	51	319	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	8	L 1	88	L 1	1000	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	265	70	74	75	26194	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	129	67	48	75	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	113	23	80	15	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	19	19	-	18	113	NOT RUN
	TOC	MG/L	42	130	-	39	4140	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	144	NOT RUN
	CHLOROBENZENE	UG/L	2	L 1	50	L 1	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	15	L 1	93	L 1	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	8	L 1	88	L 1	N-D	NOT RUN
	CHLOROFORM	UG/L	10	L 1	90	L 1	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	20	1	95	L 1	6080	NOT RUN
	ETHYLBENZENE	UG/L	8	L 1	88	3	33	NOT RUN
	METHYLENE CHLORIDE	UG/L	23	5	78	3	N-D	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	2	L 1	50	L 1	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	340	10	97	7	N-D	NOT RUN
	TOLUENE	UG/L	100	L 1	99	2	102	NOT RUN
	TRICHLOROETHYLENE	UG/L	34	3	91	1	N-D	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	2	2	-	2	N-D	NOT RUN
	PHENOL	UG/L	1	34	-	1	N-D	NOT RUN
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 10	L 10	-	L 10	200	NOT RUN
	1,2,4-TRICHLOROBENZENE	UG/L	L 5	16	-	L 5	750	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	L 5	21	-	L 5	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	65	NOT RUN
	NAPHTHALENE	UG/L	26	L 3	88	L 3	620	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	186	130	30	41	13000	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	10	-	L 3	1700	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	8	51	-	5	1100	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	7	L 5	29	L 5	N-D	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	L 4	120	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	180	40	78	180	N-D	NOT RUN
METALS	ARSENIC	UG/L	L 50	L 50	-	L 50	47	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	L 2	98	NOT RUN
	CADMIUM	UG/L	4	L 2	50	L 2	220	NOT RUN
	CHROMIUM	UG/L	863	139	84	106	6200	NOT RUN
	COPPER	UG/L	540	81	85	68	2500	NOT RUN
	CYANIDE	UG/L	130	110	15	3680	24100	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 22

SAMPLE DATE ENDING 80/03/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMBINED SLUDGE	TAP WATER
METALS	LEAD	UG/L	373	91	76	78	68000	NOT RUN
	MERCURY	MG/L	L 200	L 200	-	L 200	70000	NOT RUN
	NICKEL	UG/L	271	210	23	205	1900	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	11	NOT RUN
	SILVER	UG/L	21	7	67	8	640	NOT RUN
	ZINC	UG/L	1280	297	77	187	24000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1920	256	87	303	NOT RUN	NOT RUN
	BARIUM	UG/L	540	28	95	21	NOT RUN	NOT RUN
	CALCIUM	MG/L	16	15	6	15	NOT RUN	NOT RUN
	IRON	UG/L	3640	579	84	532	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	5	4	20	4	NOT RUN	NOT RUN
	MANGANESE	UG/L	425	255	40	235	NOT RUN	NOT RUN
	SODIUM	MG/L	86	84	2	67	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
ND=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 22

SAMPLE DATE ENDING 80/03/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMBINED SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	211	46	78	17	23301	2
	TOTAL SUSP. SOLIDS	MG/L	190	24	87	19	44500	1
	COD	MG/L	440	156	65	160	80000	20
	OIL & GREASE	MG/L	28	8	71	5	3200	2
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	234	1034	-	45	661	167
	TOTAL SOLIDS	MG/L	533	360	32	384	58383	51
	TOTAL DISS. SOLIDS	MG/L	242	289	-	315	12500	NOT RUN
	SETTLEABLE SOLIDS	ML/L	15	L 1	93	L 1	990	L 1
	TOTAL VOLATILE SOLIDS	MG/L	200	82	59	92	34754	7
	VOLATILE DISS. SOLIDS	MG/L	110	56	49	37	5000	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	83	13	84	12	25000	1
	AMMONIA NITROGEN	MG/L	23	21	9	20	278	288
	TOC	MG/L	45	33	27	34	8000	4
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	48	L 1
	1,1,1-TRICHLOROETHANE	UG/L	18	L 1	94	L 1	N-D	L 1
	1,1,2,2-TETRACHLOROETHANE	UG/L	6	L 1	83	L 1	N-D	L 1
	CHLOROFORM	UG/L	4	L 1	75	L 1	N-D	24
	1,2-TRANS-DICHLOROETHYLENE	UG/L	25	2	92	1	5320	L 1
	ETHYLBENZENE	UG/L	7	L 1	86	L 1	231	L 1
	METHYLENE CHLORIDE	UG/L	19	6	68	7	N-D	L 3
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	L 1	N-D	8
	TETRACHLOROETHYLENE	UG/L	290	15	95	8	N-D	L 1
	TOLUENE	UG/L	82	L 1	99	L 1	1450	L 1
	TRICHLOROETHYLENE	UG/L	92	5	95	2	N-D	L 1
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	1	L 1	-	L 1	N-D	L 1
	2,4-DIMETHYLPHENOL	UG/L	1	L 1	-	L 1	N-D	L 1
	PENTACHLOROPHENOL	UG/L	5	5	-	3	N-D	L 2
	PHENOL	UG/L	13	1	92	1	N-D	L 1
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 10	L 10	-	L 10	300	L 10
	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	1200	L 5
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	85	L 4
	NAPHTHALENE	UG/L	8	L 3	63	L 3	880	L 3
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	190	122	36	15	14000	4
	BUTYL BENZYL PHTHALATE	UG/L	12	4	67	L 3	1700	L 3
	DI-N-BUTYL PHTHALATE	UG/L	10	6	40	6	1800	5
	DI-N-OCTYL PHTHALATE	UG/L	L 5	5	-	L 5	N-D	L 5
	PYRENE	UG/L	L 4	L 4	-	L 4	160	L 4
PESTICIDES	GAMMA-BHC	NG/L	L 50	20	-	160	N-D	L 10
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	1300	L 50
	ARSENIC	UG/L	L 50	L 50	-	L 50	68	L 50
	CADMIUM	UG/L	9	L 2	78	L 2	160	L 2
	CHROMIUM	UG/L	432	128	70	121	1900	L 5
	COPPER	UG/L	378	60	84	64	650	L 2
	CYANIDE	UG/L	130	96	26	2590	26500	34

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/20
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 22

SAMPLE DATE ENDING 80/03/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMBINED SLUDGE	TAP WATER
METALS	LEAD	UG/L	424	75	82	109	63000	L 50
	MERCURY	NG/L	L 200	L 200	-	L 200	85000	L 200
	NICKEL	UG/L	194	194	-	196	750	L 20
	SELENIUM	UG/L	L 50	L 50	-	L 50	5	L 50
	SILVER	UG/L	20	L 5	75	L 5	230	L 5
	ZINC	UG/L	1140	251	78	241	8500	L 20
NON-CONV. METALS	ALUMINUM	UG/L	6160	231	96	250	NOT RUN	76
	BARIUM	UG/L	842	27	97	22	NOT RUN	10
	CALCIUM	MG/L	22	15	32	15	NOT RUN	7
	IRON	UG/L	11400	616	95	550	NOT RUN	L 50
	MAGNESIUM	MG/L	5	4	20	4	NOT RUN	L 2
	MANGANESE	UG/L	390	288	26	260	NOT RUN	L 2
	SODIUM	MG/L	51	67	-	76	NOT RUN	3

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/20
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 22

SAMPLE DATE ENDING 80/03/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMBINED SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	217	35	84	13	25876	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	115	18	84	12	44000	NOT RUN
	COD	MG/L	330	100	70	148	56000	NOT RUN
	OIL & GREASE	MG/L	29	4	86	4	5000	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	313	264	16	4	289	NOT RUN
	TOTAL SOLIDS	MG/L	517	310	40	336	56293	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	175	236	-	234	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	12	L 1	92	L 1	995	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	203	61	70	68	32217	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	40	54	-	57	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	63	14	78	7	23000	NOT RUN
	AMMONIA NITROGEN	MG/L	19	18	5	16	215	NOT RUN
	TOC	MG/L	38	32	16	27	3840	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	65	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	7	L 1	86	L 1	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	4	2	50	L 1	N-D	NOT RUN
	CHLOROFORM	UG/L	9	4	56	1	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	10	L 1	90	L 1	4300	NOT RUN
	ETHYLBENZENE	UG/L	9	1	89	L 1	334	NOT RUN
	METHYLENE CHLORIDE	UG/L	6	3	50	17	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	180	13	93	6	N-D	NOT RUN
	TOLUENE	UG/L	55	L 1	98	L 1	1911	NOT RUN
	TRICHLOROETHYLENE	UG/L	26	2	92	1	N-D	NOT RUN
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	1	1	-	L 1	N-D	NOT RUN
	2-CHLOROPHENOL	UG/L	1	L 1	-	L 1	N-D	NOT RUN
	2,4-DICHLOROPHENOL	UG/L	1	1	-	L 1	N-D	NOT RUN
	PENTACHLOROPHENOL	UG/L	3	5	-	6	N-D	NOT RUN
	PHENOL	UG/L	26	1	96	L 1	310	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	7	L 5	29	L 5	1300	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	760	NOT RUN
	NAPHTHALENE	UG/L	8	L 3	63	L 3	850	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	120	18	85	80	15000	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	17	L 3	82	3	1200	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	9	5	44	6	1200	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	3	N-D	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	120	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	120	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	L 4	110	NOT RUN
PESTICIDES	GAMMA-BHC	MG/L	L 50	50	-	80	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	1100	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	80	NOT RUN
	CHROMIUM	UG/L	639	102	84	101	6100	NOT RUN
	COPPER	UG/L	187	44	76	46	860	NOT RUN
	CYANIDE	UG/L	126	83	34	3100	30800	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 22

SAMPLE DATE ENDING 80/03/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMBINED SLUDGE	TAP WATER
METALS	LEAD	UG/L	267	L 50	81	90	97000	NOT RUN
	MERCURY	MG/L	L 200	L 200	-	L 200	100000	NOT RUN
	NICKEL	UG/L	192	150	22	186	820	NOT RUN
	SILVER	UG/L	11	L 5	55	7	420	NOT RUN
	ZINC	UG/L	494	152	69	195	10000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	2360	236	90	227	NOT RUN	NOT RUN
	BARIUM	UG/L	528	29	95	20	NOT RUN	NOT RUN
	CALCIUM	MG/L	17	15	12	15	NOT RUN	NOT RUN
	IRON	UG/L	3580	511	86	523	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	5	4	20	4	NOT RUN	NOT RUN
	MANGANESE	UG/L	284	258	9	259	NOT RUN	NOT RUN
	SODIUM	MG/L	57	51	11	62	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
- N=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 22

SAMPLE DATE ENDING 80/03/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMBINED SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	233	32	86	20	16611	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	103	16	84	12	23000	NOT RUN
	COD	MG/L	360	96	73	92	59200	NOT RUN
	OIL & GREASE	MG/L	52	13	75	9	5600	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	124	94	24	411	484	NOT RUN
	TOTAL SOLIDS	MG/L	509	372	27	365	45525	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	180	312	-	234	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	8	L 1	88	L 1	1000	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	195	77	61	54	27416	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	16	85	-	69	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	60	5	92	6	14500	NOT RUN
	AMMONIA NITROGEN	MG/L	18	16	11	15	106	NOT RUN
	TOC	MG/L	74	29	61	31	4800	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	71	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	2	L 1	50	L 1	N-D	NOT RUN
	CHLOROETHANE	UG/L	L 25	L 25	-	L 25	751	NOT RUN
	CHLOROFORM	UG/L	2	L 1	50	3	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	10	L 1	90	L 1	2910	NOT RUN
	ETHYLBENZENE	UG/L	2	L 1	50	L 1	101	NOT RUN
	METHYLENE CHLORIDE	UG/L	18	5	72	4	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	42	3	93	3	N-D	NOT RUN
	TOLUENE	UG/L	5	L 1	80	L 1	724	NOT RUN
	TRICHLOROETHYLENE	UG/L	35	L 1	97	L 1	N-D	NOT RUN
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	1	1	-	1	N-D	NOT RUN
	2-CHLOROPHENOL	UG/L	1	1	-	L 1	N-D	NOT RUN
	PENTACHLOROPHENOL	UG/L	3	4	-	8	N-D	NOT RUN
	PHENOL	UG/L	4	1	75	1	N-D	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	1500	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	200	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	380	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	100	NOT RUN
	NAPHTHALENE	UG/L	4	L 3	25	L 3	580	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	26	20	23	31	47000	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	4	L 3	25	L 3	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	7	6	14	6	N-D	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	L 4	160	NOT RUN
PESTICIDES	HEPTACHLOR EPOXIDE	NG/L	L 100	L 20	-	310	N-D	NOT RUN
	GAMMA-BHC	NG/L	50	70	-	300	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	560	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	47	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	L 2	72	NOT RUN
	CHROMIUM	UG/L	70	92	-	86	5100	NOT RUN
	COPPER	UG/L	526	106	80	40	1800	NOT RUN
	CYANIDE	UG/L	144	104	28	3950	29000	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/22
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 22

SAMPLE DATE ENDING 80/03/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	COMBINED SLUDGE	TAP WATER
METALS	LEAD	UG/L	54	65	-	54	58000	NOT RUN
	MERCURY	NG/L	400	L 200	50	L 200	L 4000	NOT RUN
	NICKEL	UG/L	479	322	33	154	1800	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	16	NOT RUN
	SILVER	UG/L	L 5	L 5	-	L 5	700	NOT RUN
	ZINC	UG/L	157	212	-	164	18000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1390	267	81	219	NOT RUN	NOT RUN
	BARIUM	UG/L	142	30	79	21	NOT RUN	NOT RUN
	CALCIUM	MG/L	15	14	7	15	NOT RUN	NOT RUN
	IRON	UG/L	2180	477	78	484	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	5	4	20	4	NOT RUN	NOT RUN
	MANGANESE	UG/L	207	216	-	260	NOT RUN	NOT RUN
	SODIUM	MG/L	64	70	-	60	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/22
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 23

SAMPLE DATE ENDING 80/03/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	2017	NOT RUN
	COD	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	4000	NOT RUN
	OIL & GREASE	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	460	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	130	NOT RUN
	TOTAL SOLIDS	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	2622	NOT RUN
	SETTLEABLE SOLIDS	ML/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	950	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	1762	NOT RUN
	AMMONIA NITROGEN	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	13	NOT RUN
	TOC	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	600	NOT RUN
VOLATILES	BENZENE	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	2	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	1	NOT RUN
	CHLOROFORM	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	1	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	39	NOT RUN
	METHYLENE CHLORIDE	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	1	NOT RUN
	TOLUENE	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	12800	NOT RUN
	TRICHLOROETHYLENE	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	3	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	61	NOT RUN
	PHENOL	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	301	NOT RUN
BASE-NEUTRALS	FLUORANTHENE	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	13	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	5720	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	554	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	49	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	36	NOT RUN
	ANTHRACENE	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	75	NOT RUN
	PHENANTHRENE	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	75	NOT RUN
	PYRENE	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	13	NOT RUN
METALS	ANTIMONY	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	30	NOT RUN
	ARSENIC	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	4	NOT RUN
	CADMIUM	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	300	NOT RUN
	CHROMIUM	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	2300	NOT RUN
	COPPER	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	2100	NOT RUN
	CYANIDE	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	9970	NOT RUN
	LEAD	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	1500	NOT RUN
	SELENIUM	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	9	NOT RUN
	SILVER	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	140	NOT RUN
	ZINC	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	2400	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/24
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
A-B=DUE BETWEEN

DAILY ANALYTICAL RESULTS

PLANT 23

SAMPLE DATE ENDING 80/03/25 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	122	35	71	25	11769	322	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	74	20	73	17	27750	1450	NOT RUN
	COD	MG/L	320	96	70	104	19200	2080	NOT RUN
	OIL & GREASE	MG/L	9	2	78	4	5300	250	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	307	967	-	106	313	124	NOT RUN
	TOTAL SOLIDS	MG/L	410	301	27	290	31000	2073	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	295	275	7	276	5250	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	5	L 1	80	L 1	1000	960	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	141	95	33	37	25230	1454	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	200	85	57	144	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	6	9	-	8	22	12	NOT RUN
	TOC	MG/L	50	21	58	21	870	340	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	11	3	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	19	L 1	95	L 1	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	11	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	164	4	NOT RUN
	CHLOROFORM	UG/L	L 1	L 1	-	L 1	12	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	13	L 1	92	L 1	49	N-D	NOT RUN
	ETHYLBENZENE	UG/L	10	2	80	L 1	80	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	53	2	96	3	33	4	NOT RUN
	TETRACHLOROETHYLENE	UG/L	14	3	79	2	N-D	N-D	NOT RUN
	TOLUENE	UG/L	20	L 1	95	L 1	73	967	NOT RUN
	TRICHLOROETHYLENE	UG/L	18	L 1	94	L 1	569	12	NOT RUN
ACID EXTRACT	PARACHLOROMETA CRESOL	UG/L	L 1	L 1	-	L 1	15	N-D	NOT RUN
	PENTACHLOROPHENOL	UG/L	L 2	L 2	-	L 2	13	N-D	NOT RUN
	PHENOL	UG/L	3	L 1	67	L 1	40	60	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	5	L 5	-	L 5	263	N-D	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	11	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	51	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	11	3	NOT RUN
	NAPHTHALENE	UG/L	L 3	L 3	-	L 3	29	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	96	200	-	43	6100	3120	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	21	4	81	L 3	317	68	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	5	-	5	31	70	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	7	-	L 5	421	43	NOT RUN
	DIETHYL PHTHALATE	UG/L	L 5	L 5	-	L 5	1	2	NOT RUN
	ANTHRACENE	UG/L	L 5	L 10	-	L 5	22	13	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 10	-	L 5	22	13	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	L 4	7	3	NOT RUN
PESTICIDES	ALPHA-BHC	NG/L	L 200	20	-	L 50	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	L 200	80	-	170	N-D	N-D	NOT RUN
	DELTA-BHC	NG/L	510	L 20	96	380	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	93	46	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	12	L 2	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/25
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 23

SAMPLE DATE ENDING 80/03/25 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
METALS	CADMIUM	UG/L	15	13	13	13	84	430	NOT RUN
	CHROMIUM	UG/L	56	37	34	39	2200	3000	NOT RUN
	COPPER	UG/L	45	50	-	40	8300	750	NOT RUN
	CYANIDE	UG/L	178	180	-	6480	14600	7350	NOT RUN
	LEAD	UG/L	L 50	L 50	-	L 50	5100	1200	NOT RUN
	MERCURY	NG/L	300	L 200	33	L 200	86000	L 13000	NOT RUN
	NICKEL	UG/L	37	27	27	30	560	L 200	NOT RUN
	SELENIUM	UG/L	L 5	L 50	-	L 50	13	L 4	NOT RUN
	SILVER	UG/L	L 5	L 5	-	L 5	250	59	NOT RUN
	ZINC	UG/L	233	124	47	118	17000	2000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1680	860	49	890	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	45	23	49	22	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	8	8	-	8	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1950	1360	30	1360	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	61	66	-	65	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	69	58	16	61	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/25
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 23

SAMPLE DATE ENDING 80/03/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	134	20	85	7	6077	634	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	82	17	79	17	16000	800	NOT RUN
	COD	MG/L	300	100	67	96	24800	3440	NOT RUN
	OIL & GREASE	MG/L	15	5	67	6	6200	175	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	600	173	71	45	368	307	NOT RUN
	TOTAL SOLIDS	MG/L	534	292	45	296	26401	1707	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	347	277	20	260	3750	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	8	L 1	88	L 1	1000	980	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	233	92	61	96	NOT RUN	1021	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	125	110	12	108	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	8	10	-	9	24	15	NOT RUN
	TOC	MG/L	60	22	63	17	450	115	NOT RUN
VOLATILES	BENZENE	UG/L	1	L 1	-	L 1	5	N-D	NOT RUN
	1,2-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	4	1	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	5	L 1	80	L 1	17	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	11	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	108	1	NOT RUN
	CHLOROFORM	UG/L	L 1	L 1	-	L 1	18	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	20	L 1	95	L 1	221	N-D	NOT RUN
	ETHYLBENZENE	UG/L	11	3	73	L 1	220	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	140	L 1	99	3	49	5	NOT RUN
	TETRACHLOROETHYLENE	UG/L	40	3	92	2	N-D	N-D	NOT RUN
	TOLUENE	UG/L	12	L 1	92	L 1	97	1820	NOT RUN
	TRICHLOROETHYLENE	UG/L	56	L 1	98	L 1	825	16	NOT RUN
ACID EXTRACT	PARACHLOROMETA CRESOL	UG/L	L 1	L 1	-	L 1	22	N-D	NOT RUN
	PENTACHLOROPHENOL	UG/L	L 4	L 4	-	L 2	22	N-D	NOT RUN
	PHENOL	UG/L	2	L 1	50	L 1	88	50	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	237	N-D	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	25	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	80	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	13	6	NOT RUN
	NAPHTHALENE	UG/L	4	L 3	25	L 3	86	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	53	33	38	73	1000	3510	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	20	L 3	85	L 3	5800	113	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	28	4	86	5	1060	1	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	L 5	12	70	NOT RUN
	DIETHYL PHTHALATE	UG/L	8	L 5	38	L 5	4	1	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	44	9	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	44	9	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	L 4	9	4	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	L 200	L 100	-	490	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	240	76	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	L 2	L 21	20	NOT RUN
	CADMIUM	UG/L	33	13	61	12	610	440	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/26

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 23

SAMPLE DATE ENDING 80/03/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
METALS	CHROMIUM	UG/L	100	38	62	33	2600	2100	NOT RUN
	COPPER	UG/L	70	35	50	59	1200	980	NOT RUN
	CYANIDE	UG/L	250	185	26	14800	17800	12100	NOT RUN
	LEAD	UG/L	L 50	L 50	-	54	1800	1000	NOT RUN
	MERCURY	MG/L	L 200	L 200	-	L 200	47000	L 12000	NOT RUN
	NICKEL	UG/L	27	22	19	27	L 210	L 200	NOT RUN
	SILVER	UG/L	L 5	L 5	-	L 5	120	L 36	NOT RUN
	ZINC	UG/L	463	124	73	132	2600	1600	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	868	666	23	614	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	56	24	57	23	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	8	8	-	8	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1370	1260	8	1240	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	69	69	-	64	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	87	53	39	59	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/26
(L=LESS THAN; G=GREATER THAN; T=TRACE; I OR)=INTERFERENCE; U=UNCONFIRMED;
B=NOT REPORTED.

DAILY ANALYTICAL RESULTS

PLANT 23

SAMPLE DATE ENDING 80/03/27 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	187	23	88	14	15952	367	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	46	17	63	12	NOT RUN	2250	NOT RUN
	COD	MG/L	260	92	65	96	16800	5200	NOT RUN
	OIL & GREASE	MG/L	19	12	37	14	3600	430	2
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	484	100	79	94	539	216	118
	TOTAL SOLIDS	MG/L	804	327	59	329	18860	2725	21
	TOTAL DISS. SOLIDS	MG/L	676	300	56	271	3250	NOT RUN	70
	SETTLEABLE SOLIDS	ML/L	12	L 1	92	L 1	1000	990	L 1
	TOTAL VOLATILE SOLIDS	MG/L	222	6	97	52	15298	1774	10
	VOLATILE DISS. SOLIDS	MG/L	413	94	77	160	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	1400	NOT RUN
	AMMONIA NITROGEN	MG/L	10	10	-	10	30	17	L 1
	TOC	MG/L	70	40	43	23	900	400	2
VOLATILES	1,2-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	3	1	L 1
	1,1,1-TRICHLOROETHANE	UG/L	15	L 1	93	L 1	2	N-D	L 1
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	10	N-D	L 1
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	127	1	L 1
	CHLOROFORM	UG/L	2	L 1	50	L 1	8	N-D	L 1
	1,2-TRANS-DICHLOROETHYLENE	UG/L	4	L 1	75	L 1	59	N-D	L 1
	ETHYLBENZENE	UG/L	8	L 1	88	L 1	63	N-D	L 1
	METHYLENE CHLORIDE	UG/L	150	3	98	3	177	1	1
	TETRACHLOROETHYLENE	UG/L	23	3	87	2	N-D	N-D	L 1
	TOLUENE	UG/L	6	L 1	83	L 1	33	3590	L 1
	TRICHLOROETHYLENE	UG/L	70	L 1	99	L 1	624	9	L 1
ACID EXTRACT	PARACHLOROMETA CRESOL	UG/L	41	L 1	98	L 1	N-D	N-D	L 1
	2-CHLOROPHENOL	UG/L	L 1	L 1	-	L 1	21	N-D	L 1
	PENTACHLOROPHENOL	UG/L	5	3	40	2	22	52	L 4
	PHENOL	UG/L	4	L 1	75	L 1	37	53	L 1
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	406	N-D	L 5
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	167	N-D	L 5
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	184	N-D	L 5
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	18	4	L 4
	NAPHTHALENE	UG/L	4	L 3	25	L 3	234	N-D	L 3
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	95	24	75	340	26280	2820	4
	BUTYL BENZYL PHTHALATE	UG/L	24	L 3	88	9	17300	22	L 3
	DI-N-BUTYL PHTHALATE	UG/L	7	4	43	4	1400	N-D	5
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	13	69	25	L 5
	DIETHYL PHTHALATE	UG/L	L 5	L 5	-	L 5	5	N-D	L 5
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	85	11	L 5
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	85	11	L 5
	PYRENE	UG/L	L 4	L 4	-	L 4	11	4	L 4
PESTICIDES	GAMMA-BHC	NG/L	30	L 50	-	L 250	N-D	N-D	L 10
	DELTA-BHC	NG/L	350	L 100	71	L 500	N-D	N-D	L 20
METALS	ANTIMONY	UG/L	L 10	L 50	-	L 50	110	48	L 50

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/27

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 23

SAMPLE DATE ENDING 80/03/27 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
METALS	CADMIUM	UG/L	43	9	79	7	1000	580	L 2
	CHROMIUM	UG/L	101	31	69	29	7000	4400	L 5
	COPPER	UG/L	83	48	42	42	2700	1600	8
	CYANIDE	UG/L	193	184	5	11208	15000	16600	25
	LEAD	UG/L	L 50	L 50	-	L 50	2400	1700	L 50
	MERCURY	NG/L	L 200	L 200	-	L 200	18000	L 7000	L 200
	NICKEL	UG/L	38	15	61	L 10	L 160	L 200	14
	SILVER	UG/L	8	L 5	38	L 5	130	94	L 5
	ZINC	UG/L	343	124	64	127	4300	3000	39
NON-CONV. METALS	ALUMINUM	UG/L	510	599	-	581	NOT RUN	NOT RUN	47
	BARIUM	UG/L	53	22	58	21	NOT RUN	NOT RUN	3
	CALCIUM	MG/L	7	7	-	7	NOT RUN	NOT RUN	L 2
	IRON	UG/L	1280	1150	10	1160	NOT RUN	NOT RUN	63
	MANGANESE	UG/L	78	64	18	64	NOT RUN	NOT RUN	12
	SODIUM	MG/L	157	63	60	61	NOT RUN	NOT RUN	3

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/27
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 23

SAMPLE DATE ENDING 80/03/28 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	151	20	87	14	5798	1611	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	125	12	90	11	NOT RUN	1150	NOT RUN
	COD	MG/L	420	108	74	104	17600	4480	NOT RUN
	OIL & GREASE	MG/L	22	7	68	6	4600	515	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	191	69	64	81	667	295	NOT RUN
	TOTAL SOLIDS	MG/L	598	338	43	326	18368	1875	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	445	739	-	354	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	4	L 1	75	L 1	6000	980	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	194	80	59	40	15303	1203	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	207	78	62	114	7000	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	100	10	90	5	NOT RUN	5500	NOT RUN
	AMMONIA NITROGEN	MG/L	12	10	17	10	29	14	NOT RUN
	TOC	MG/L	95	21	78	20	980	158	NOT RUN
VOLATILES	1,2-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	N-D	1	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	11	L 1	91	L 1	2	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	7	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	99	4	NOT RUN
	CHLOROFORM	UG/L	L 1	L 1	-	L 1	3	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	8	L 1	88	L 1	11	N-D	NOT RUN
	ETHYLBENZENE	UG/L	3	L 1	67	L 1	20	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	92	3	97	3	33	2	NOT RUN
	TETRACHLOROETHYLENE	UG/L	49	2	96	1	N-D	N-D	NOT RUN
	TOLUENE	UG/L	8	L 1	88	L 1	29	30	NOT RUN
	TRICHLOROETHYLENE	UG/L	73	L 1	99	L 1	675	1	NOT RUN
ACID EXTRACT	PARACHLOROMETA CRESOL	UG/L	L 1	L 1	-	L 1	35	N-D	NOT RUN
	PENTACHLOROPHENOL	UG/L	5	L 4	20	L 4	13	N-D	NOT RUN
	PHENOL	UG/L	4	L 1	75	L 1	40	20	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	196	N-D	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	68	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	61	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	6	5	NOT RUN
	NAPHTHALENE	UG/L	6	L 3	50	L 3	94	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	6	32	-	14	933	1710	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	L 3	4490	24	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	5	5	-	5	162	9	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	L 5	20	14	NOT RUN
	DIETHYL PHTHALATE	UG/L	L 5	L 5	-	L 5	1	N-D	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	34	8	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	34	8	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	L 4	5	3	NOT RUN
PESTICIDES	ALPHA-BHC	NG/L	40	L 20	50	L 20	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	L 20	50	-	80	N-D	N-D	NOT RUN
	DELTA-BHC	NG/L	190	60	68	L 40	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	140	53	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/28
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 23

SAMPLE DATE ENDING 80/03/28 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
METALS	BERYLLIUM	UG/L	L 2	L 2	-	L 2	L 25	20	NOT RUN
	CADMIUM	UG/L	43	11	74	13	1500	300	NOT RUN
	CHROMIUM	UG/L	155	36	77	35	2900	630	NOT RUN
	COPPER	UG/L	93	45	52	47	2900	530	NOT RUN
	CYANIDE	UG/L	369	185	50	12000	20300	10600	NOT RUN
	LEAD	UG/L	54	51	6	L 50	2100	840	NOT RUN
	MERCURY	NG/L	L 200	L 200	-	L 200	38000	L 13000	NOT RUN
	NICKEL	UG/L	14	14	-	23	L 250	L 200	NOT RUN
	SELENIUM	UG/L	L 50	L 5	-	L 50	15	L 4	NOT RUN
	SILVER	UG/L	L 5	L 5	-	L 5	60	94	NOT RUN
	ZINC	UG/L	260	127	51	128	8300	470	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	874	589	33	591	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	57	21	63	21	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	7	8	-	7	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1360	1160	15	1140	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	72	67	7	64	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	117	71	39	67	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/28
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
- = NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 23

SAMPLE DATE ENDING 80/03/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	87	28	68	12	18057	1930	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	89	20	78	17	16750	425	NOT RUN
	COD	MG/L	240	104	57	100	20800	800	NOT RUN
	OIL & GREASE	MG/L	31	16	48	12	7300	490	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	173	112	35	106	521	222	NOT RUN
	TOTAL SOLIDS	MG/L	304	363	-	355	25236	2648	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	273	364	-	372	9000	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	10	L 1	90	L 1	1000	990	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	124	75	40	80	20498	1784	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	88	82	7	107	5750	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	55	14	75	6	8250	275	NOT RUN
	AMMONIA NITROGEN	MG/L	3	10	-	11	33	12	NOT RUN
	TOC	MG/L	55	55	-	21	1300	57	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	2	1	NOT RUN
	1,2-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	3	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	11	L 1	91	L 1	6	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	11	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	84	4	NOT RUN
	CHLOROFORM	UG/L	L 1	L 1	-	L 1	N-D	1	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	360	N-D	NOT RUN
	ETHYLBENZENE	UG/L	4	L 1	75	L 1	105	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	12	5	58	3	58	2	NOT RUN
	TETRACHLOROETHYLENE	UG/L	4	1	75	L 1	N-D	N-D	NOT RUN
	TOLUENE	UG/L	3	L 1	67	L 1	135	37	NOT RUN
	TRICHLOROETHYLENE	UG/L	3	L 1	67	L 1	1220	2	NOT RUN
ACID EXTRACT	PARACHLOROMETA CRESOL	UG/L	L 1	L 1	-	L 1	14	N-D	NOT RUN
	PENTACHLOROPHENOL	UG/L	L 4	2	-	L 4	18	N-D	NOT RUN
	PHENOL	UG/L	L 1	L 1	-	1	38	N-D	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	67	N-D	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	17	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	25	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	4	1	NOT RUN
	NAPHTHALENE	UG/L	L 3	L 3	-	L 3	55	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	270	82	70	64	395	755	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	11	L 3	73	L 3	1550	5	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	7	L 4	43	4	58	11	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	L 5	10	4	NOT RUN
	DIETHYL PHTHALATE	UG/L	L 5	L 5	-	L 5	1	N-D	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	23	3	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	23	3	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	L 4	3	1	NOT RUN
PESTICIDES	ALPHA-BHC	NG/L	140	L 20	86	L 20	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	120	70	42	110	N-D	N-D	NOT RUN
	DELTA-BHC	NG/L	L 100	L 50	-	650	N-D	N-D	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/29

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 23

SAMPLE DATE ENDING 80/03/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	650	27	NOT RUN
	CADMIUM	UG/L	7	17	-	15	1800	140	NOT RUN
	CHROMIUM	UG/L	47	44	6	47	7700	460	NOT RUN
	COPPER	UG/L	43	54	-	55	3700	190	NOT RUN
	CYANIDE	UG/L	129	191	-	15800	23300	2800	NOT RUN
	LEAD	UG/L	L 50	L 50	-	L 50	2600	120	NOT RUN
	MERCURY	MG/L	L 200	L 200	-	L 200	45000	L 7000	NOT RUN
	NICKEL	UG/L	16	14	13	22	360	510	NOT RUN
	SILVER	UG/L	L 5	L 5	-	L 5	300	48	NOT RUN
	ZINC	UG/L	167	150	10	165	5600	480	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	2810	545	81	573	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	58	24	59	24	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	8	7	13	8	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	2720	1190	56	1240	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	50	69	-	69	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	43	86	-	81	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/29
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
- = NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 23

SAMPLE DATE ENDING 80/03/30 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	101	32	68	26	12200	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	52	24	54	24	18000	NOT RUN	NOT RUN
	COD	MG/L	180	148	18	160	20000	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	24	11	54	8	6900	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	167	112	33	81	374	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	607	330	46	317	30239	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	278	385	-	399	8750	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	12	L 1	92	L 1	1000	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	209	80	62	76	25295	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	85	96	-	156	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	30	16	47	12	14500	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	5	10	-	12	19	NOT RUN	NOT RUN
	TOC	MG/L	50	30	40	27	1150	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	1	NOT RUN	NOT RUN
	1,2-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	2	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	3	L 1	67	L 1	4	NOT RUN	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	6	NOT RUN	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	55	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	1	L 1	-	L 1	6	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	80	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	2	L 1	50	L 1	56	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	22	5	77	4	10	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	6	L 1	83	L 1	N-D	NOT RUN	NOT RUN
	TOLUENE	UG/L	2	L 1	50	L 1	62	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	244	NOT RUN	NOT RUN
ACID EXTRACT	PARACHLOROMETA CRESOL	UG/L	7	L 1	86	L 1	12	NOT RUN	NOT RUN
	PENTACHLOROPHENOL	UG/L	L 4	L 4	-	L 4	18	NOT RUN	NOT RUN
	PHENOL	UG/L	L 1	L 1	-	L 1	41	NOT RUN	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	8	L 5	38	L 5	143	NOT RUN	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	9	NOT RUN	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	67	NOT RUN	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	16	NOT RUN	NOT RUN
	NAPHTHALENE	UG/L	5	L 5	-	L 3	62	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	69	76	-	83	743	NOT RUN	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	L 3	40	L 3	2800	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	5	-	6	93	NOT RUN	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	L 5	13	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	L 5	L 5	-	L 5	1	NOT RUN	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	38	NOT RUN	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	38	NOT RUN	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	L 4	11	NOT RUN	NOT RUN
PESTICIDES	HEPTACHLOR	NG/L	L 40	L 40	-	70	N-D	NOT RUN	NOT RUN
	GAMMA-BHC	NG/L	140	100	29	100	N-D	NOT RUN	NOT RUN
	DELTA-BHC	NG/L	100	50	50	100	N-D	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/03/30
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 23

SAMPLE DATE ENDING 80/03/30 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	TERTIARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	360	NOT RUN	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	25	NOT RUN	NOT RUN
	CADMIUM	UG/L	10	19	-	21	1000	NOT RUN	NOT RUN
	CHROMIUM	UG/L	31	63	-	61	2900	NOT RUN	NOT RUN
	COPPER	UG/L	38	59	-	60	2800	NOT RUN	NOT RUN
	CYANIDE	UG/L	107	206	-	11000	32200	NOT RUN	NOT RUN
	LEAD	UG/L	L 50	L 50	-	L 50	4400	NOT RUN	NOT RUN
	NICKEL	UG/L	L 10	23	-	17	L 200	NOT RUN	NOT RUN
	SILVER	UG/L	6	L 5	17	L 5	260	NOT RUN	NOT RUN
	ZINC	UG/L	179	156	13	158	4100	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1110	669	40	564	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	47	26	45	26	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	8	7	13	7	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1390	1330	4	1360	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	65	66	-	67	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	60	92	-	97	NOT RUN	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 24

SAMPLE DATE ENDING 80/04/08 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE		SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L		400		29	93	27365		180
	TOTAL SUSP. SOLIDS	MG/L		130		53	59	NOT RUN		380
	COD	MG/L		860		110	87	75000		4560
	OIL & GREASE	MG/L		113		47	58	10800		255
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L		148		69	53	350		783
	TOTAL SOLIDS	MG/L		688		438	36	45577		845
	TOTAL DISS. SOLIDS	MG/L		404		336	17	9500		530
	SETTLEABLE SOLIDS	ML/L		5		2	60	1000		16
	TOTAL VOLATILE SOLIDS	MG/L		359		137	62	33652		436
	VOLATILE DISS. SOLIDS	MG/L		112		70	38	6500		310
	TOTAL VOL. SUS. SOLIDS	MG/L		90		43	52	NOT RUN		305
	AMMONIA NITROGEN	MG/L		10		20	-	77		23
	TOC	MG/L		135		27	80	4500		55
VOLATILES	BENZENE	UG/L	L	1	L	1	-	N-D		4
	CHLOROETHANE	UG/L	L	25	L	25	-	280		150
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L	1	L	1	-	404		2
	ETHYLBENZENE	UG/L	L	1	L	1	-	7		N-D
	METHYLENE CHLORIDE	UG/L		15		4	73	77		1
	DICHLORODIFLUOROMETHANE	UG/L	L	20	L	20	-	135		30
	TETRACHLOROETHYLENE	UG/L	L	1	L	1	-	42		7
	TOLUENE	UG/L	L	1		3	-	37000		103
	TRICHLOROETHYLENE	UG/L	L	1	L	1	-	848		10
ACID EXTRACT	PENTACHLOROPHENOL	UG/L		22		13	41	1900		N-D
	PHENOL	UG/L		3		2	33	N-D		N-D
BASE-NEUTRALS	FLUORANTHENE	UG/L	L	4	L	4	-	68		N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L		20		35	-	1600		160
	BUTYL BENZYL PHTHALATE	UG/L		4	L	3	25	866		N-D
	DI-N-BUTYL PHTHALATE	UG/L	L	4		6	-	79		N-D
	CHRYSENE	UG/L	L	5	L	5	-	49		N-D
	PHENANTHRENE	UG/L	L	5	L	5	-	56		N-D
	PYRENE	UG/L	L	4	L	4	-	59		N-D
PESTICIDES	GAMMA-BHC	NG/L	L	200		140	-	N-D		N-D
METALS	ANTIMONY	UG/L	L	50	L	50	-	3	L	1
	ARSENIC	UG/L	L	50	L	50	-	42	L	6
	CADMIUM	UG/L	L	2	L	2	-	45	L	10
	CHROMIUM	UG/L		8	L	5	38	1200	L	170
	COPPER	UG/L		28		32	-	3100		180
	CYANIDE	UG/L		298		66	78	61200		814
	LEAD	UG/L	L	50	L	50	-	2600		130
	MERCURY	NG/L		400	L	200	50	120000	L	7000
	NICKEL	UG/L	L	10	L	10	-	70	L	200
	SELENIUM	UG/L	L	50	L	50	-	16	L	1
	SILVER	UG/L	L	5	L	5	-	210	L	70
	ZINC	UG/L		123		122	1	7400		270

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/08
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 24

SAMPLE DATE ENDING 80/04/08 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L	2750	1230	55	NOT RUN	NOT RUN
	BARIUM	UG/L	220	165	25	NOT RUN	NOT RUN
	CALCIUM	MG/L	6	11	-	NOT RUN	NOT RUN
	IRON	UG/L	4580	2910	36	NOT RUN	NOT RUN
	MANGANESE	UG/L	182	152	16	NOT RUN	NOT RUN
	SODIUM	MG/L	71	71	-	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/08
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DAILY ANALYTICAL RESULTS

PLANT 24

SAMPLE DATE ENDING 80/04/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	283	19	93	10385	180
	TOTAL SUSP. SOLIDS	MG/L	113	38	66	46500	300
	COD	MG/L	450	170	62	69000	1300
	OIL & GREASE	MG/L	99	36	64	7000	320
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	39	362	-	435	63
	TOTAL SOLIDS	MG/L	637	529	17	50919	667
	TOTAL DISS. SOLIDS	MG/L	337	340	-	9500	NOT RUN
	SETTLEABLE SOLIDS	ML/L	6	1	83	1000	8
	TOTAL VOLATILE SOLIDS	MG/L	298	111	63	38144	281
	VOLATILE DISS. SOLIDS	MG/L	74	88	-	7000	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	110	23	79	3500	250
	AMMONIA NITROGEN	MG/L	10	23	-	78	18
	TOC	MG/L	80	17	79	4000	22
VOLATILES	BENZENE	UG/L	L 1	L 1	-	27	1
	1,1,1-TRICHLOROETHANE	UG/L	1	L 1	-	N-D	N-D
	1,1,2-TRICHLOROETHANE	UG/L	L 1	L 1	-	N-D	5
	CHLOROETHANE	UG/L	L 25	L 25	-	6180	23
	CHLOROFORM	UG/L	4	1	75	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	4	L 1	75	490	2
	ETHYLBENZENE	UG/L	L 1	L 1	-	16	N-D
	METHYLENE CHLORIDE	UG/L	5	L 3	40	81	N-D
	METHYL CHLORIDE	UG/L	L 25	L 25	-	2040	29
	METHYL BROMIDE	UG/L	L 20	L 20	-	5940	N-D
	DICHLORODIFLUOROMETHANE	UG/L	L 20	L 20	-	214	2
	TETRACHLOROETHYLENE	UG/L	22	L 1	95	68	1
	TOLUENE	UG/L	2	L 1	50	28500	44
	TRICHLOROETHYLENE	UG/L	36	L 1	97	2010	5
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	29	11	62	2100	N-D
	PHENOL	UG/L	3	2	33	430	N-D
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	17	183	-	1300	N-D
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	500	N-D
	DI-N-BUTYL PHTHALATE	UG/L	7	6	14	N-D	N-D
PESTICIDES	GAMMA-BHC	NG/L	L 50	140	-	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	76	L 1
	ARSENIC	UG/L	L 50	L 50	-	16	L 2
	CHROMIUM	UG/L	L 5	L 5	-	1000	250
	COPPER	UG/L	14	25	-	L 160	L 160
	CYANIDE	UG/L	151	46	70	67400	91
	LEAD	UG/L	L 50	L 50	-	2200	120
	MERCURY	NG/L	L 200	L 200	-	21000	L 2000
	SILVER	UG/L	L 5	L 5	-	120	L 36
	ZINC	UG/L	88	83	6	1200	150
NON-CONV. METALS	ALUMINUM	UG/L	1000	1200	-	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/09
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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 24

SAMPLE DATE ENDING 80/04/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	BARIUM	UG/L	197	150	24	NOT RUN	NOT RUN
	CALCIUM	MG/L	6	12	-	NOT RUN	NOT RUN
	IRON	UG/L	3430	3080	10	NOT RUN	NOT RUN
	MANGANESE	UG/L	178	156	12	NOT RUN	NOT RUN
	SODIUM	MG/L	78	74	5	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/09
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 24

SAMPLE DATE ENDING 80/04/10 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	156	9	94	13366	188
	TOTAL SUSP. SOLIDS	MG/L	78	12	85	NOT RUN	NOT RUN
	COD	MG/L	560	12	98	61000	160
	OIL & GREASE	MG/L	36	160	-	9400	185
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	124	87	30	191	14
	TOTAL SOLIDS	MG/L	572	420	27	43363	504
	TOTAL DISS. SOLIDS	MG/L	396	373	6	13000	NOT RUN
	SETTLEABLE SOLIDS	ML/L	5	1	80	1000	4
	TOTAL VOLATILE SOLIDS	MG/L	262	114	56	31575	181
	VOLATILE DISS. SOLIDS	MG/L	132	108	18	11000	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	71	10	86	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	11	22	-	70	19
	TOC	MG/L	145	10	93	4850	26
VOLATILES	BENZENE	UG/L	L 1	L 1	-	22	1
	1,1,1-TRICHLOROETHANE	UG/L	2	L 1	50	N-D	N-D
	1,1,2-TRICHLOROETHANE	UG/L	L 1	L 1	-	233	N-D
	CHLOROETHANE	UG/L	L 25	L 25	-	2400	22
	CHLOROFORM	UG/L	4	2	50	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	7	L 1	86	135	2
	METHYLENE CHLORIDE	UG/L	4	L 3	25	39	N-D
	METHYL CHLORIDE	UG/L	L 25	L 25	-	1290	28
	METHYL BROMIDE	UG/L	L 20	L 20	-	2250	62
	DICHLORODIFLUOROMETHANE	UG/L	L 20	L 20	-	176	5
	TETRACHLOROETHYLENE	UG/L	32	1	97	N-D	1
	TOLUENE	UG/L	1	L 1	-	1290	45
	TRICHLOROETHYLENE	UG/L	44	L 1	98	233	2
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	35	11	69	600	N-D
	PHENOL	UG/L	4	1	75	350	N-D
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	139	38	73	1300	N-D
	BUTYL BENZYL PHTHALATE	UG/L	9	L 3	67	280	N-D
	DI-N-BUTYL PHTHALATE	UG/L	7	5	29	N-D	N-D
PESTICIDES	GAMMA-BHC	NG/L	L 50	270	-	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	7	1
	ARSENIC	UG/L	L 50	L 50	-	25	1
	BERYLLIUM	UG/L	L 2	L 2	-	33	L 20
	CHROMIUM	UG/L	L 5	L 5	-	1000	L 250
	COPPER	UG/L	24	22	8	620	L 160
	CYANIDE	UG/L	160	56	65	61000	93
	LEAD	UG/L	L 50	L 50	-	1500	680
	MERCURY	NG/L	L 200	L 200	-	38000	L 2000
	NICKEL	UG/L	L 10	L 10	-	430	L 200
	SILVER	UG/L	L 5	L 5	-	130	L 36
	ZINC	UG/L	107	76	29	3800	140

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/10
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 24

SAMPLE DATE ENDING 80/04/10 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L	710	1190	-	NOT RUN	NOT RUN
	BARIUM	UG/L	270	141	49	NOT RUN	NOT RUN
	CALCIUM	MG/L	6	11	-	NOT RUN	NOT RUN
	IRON	UG/L	1980	3000	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	174	152	13	NOT RUN	NOT RUN
	SODIUM	MG/L	75	73	3	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/10
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 24

SAMPLE DATE ENDING 80/04/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	274	8	97	11205	141
	TOTAL SUSP. SOLIDS	MG/L	140	10	93	NOT RUN	NOT RUN
	COD	MG/L	2900	320	89	134000	80
	OIL & GREASE	MG/L	81	40	51	6700	145
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	228	2	99	191	39
	TOTAL SOLIDS	MG/L	598	402	33	42446	306
	TOTAL DISS. SOLIDS	MG/L	432	357	17	13000	NOT RUN
	SETTLEABLE SOLIDS	ML/L	6	L 1	83	1000	3
	TOTAL VOLATILE SOLIDS	MG/L	242	88	64	30819	152
	VOLATILE DISS. SOLIDS	MG/L	159	95	40	10000	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	98	NOT RUN	-	26000	NOT RUN
	AMMONIA NITROGEN	MG/L	12	20	-	71	20
	TOC	MG/L	160	17	89	3600	31
VOLATILES	BENZENE	UG/L	L 1	L 1	-	13	N-D
	1,1,1-TRICHLOROETHANE	UG/L	1	L 1	-	N-D	N-D
	1,1,2-TRICHLOROETHANE	UG/L	L 1	L 1	-	73	1
	CHLOROETHANE	UG/L	L 25	L 25	-	6050	25
	CHLOROFORM	UG/L	4	3	25	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	14	L 1	93	186	N-D
	METHYLENE CHLORIDE	UG/L	5	L 3	40	46	1
	METHYL CHLORIDE	UG/L	L 25	L 25	-	1180	N-D
	METHYL BROMIDE	UG/L	L 20	L 20	-	6190	N-D
	DICHLORODIFLUOROMETHANE	UG/L	L 20	L 20	-	175	3
	TETRACHLOROETHYLENE	UG/L	35	L 1	97	N-D	1
	TOLUENE	UG/L	3	L 1	67	1300	8
	TRICHLOROETHYLENE	UG/L	91	L 1	99	79	2
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	82	13	84	1500	N-D
	PHENOL	UG/L	6	1	83	430	N-D
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	97	53	45	1220	N-D
	BUTYL BENZYL PHTHALATE	UG/L	7	L 3	57	350	N-D
	DI-N-BUTYL PHTHALATE	UG/L	7	5	29	N-D	N-D
PESTICIDES	HEPTACHLOR EPOXIDE	NG/L	L 100	90	-	N-D	N-D
	GAMMA-BHC	NG/L	L 50	110	-	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	20	L 1
	ARSENIC	UG/L	L 50	L 50	-	22	L 2
	BERYLLIUM	UG/L	L 2	L 2	-	22	26
	CHROMIUM	UG/L	L 5	L 5	-	450	L 250
	COPPER	UG/L	20	16	20	700	L 140
	CYANIDE	UG/L	147	39	73	64800	80
	LEAD	UG/L	L 50	L 50	-	1900	L 32
	MERCURY	NG/L	L 200	L 200	-	29000	L 2000
	NICKEL	UG/L	L 10	L 10	-	410	L 200
	SILVER	UG/L	L 5	L 5	-	71	L 36
	ZINC	UG/L	84	67	20	3500	70

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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 24

SAMPLE DATE ENDING 80/04/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L	719	1100	-	NOT RUN	NOT RUN
	BARIUM	UG/L	249	137	45	NOT RUN	NOT RUN
	CALCIUM	MG/L	7	11	-	NOT RUN	NOT RUN
	IRON	UG/L	2000	2850	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	179	154	14	NOT RUN	NOT RUN
	SODIUM	MG/L	83	79	5	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/11
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N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 24

SAMPLE DATE ENDING 80/04/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	306	5	98	14423	103
	TOTAL SUSP. SOLIDS	MG/L	105	40	62	NOT RUN	NOT RUN
	COD	MG/L	660	160	76	70000	840
	OIL & GREASE	MG/L	29	22	24	4500	145
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	39	2	95	545	130
	TOTAL SOLIDS	MG/L	453	417	8	42422	562
	TOTAL DISS. SOLIDS	MG/L	325	352	-	6500	NOT RUN
	SETTLEABLE SOLIDS	ML/L	7	L 1	86	1000	5
	TOTAL VOLATILE SOLIDS	MG/L	208	85	59	30589	226
	VOLATILE DISS. SOLIDS	MG/L	175	102	42	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	40	13	67	30000	NOT RUN
	AMMONIA NITROGEN	MG/L	11	20	-	70	13
	TOC	MG/L	145	26	82	4000	40
VOLATILES	BENZENE	UG/L	L 1	L 1	-	17	N-D
	1,1,2-TRICHLOROETHANE	UG/L	L 1	L 1	-	73	3
	CHLOROETHANE	UG/L	L 25	L 25	-	900	30
	CHLOROFORM	UG/L	4	3	25	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	23	L 1	96	203	2
	ETHYLBENZENE	UG/L	L 1	L 1	-	N-D	1
	METHYLENE CHLORIDE	UG/L	5	L 3	40	39	N-D
	METHYL CHLORIDE	UG/L	L 25	L 25	-	1290	N-D
	METHYL BROMIDE	UG/L	L 20	L 20	-	6000	60
	DICHLORODIFLUOROMETHANE	UG/L	L 20	L 20	-	196	4
	TETRACHLOROETHYLENE	UG/L	16	L 1	94	11	N-D
	TOLUENE	UG/L	1	L 1	-	1750	48
	TRICHLOROETHYLENE	UG/L	93	L 1	99	79	3
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	72	18	75	2100	N-D
	PHENOL	UG/L	1	L 1	-	440	N-D
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	30	13	57	2300	N-D
	BUTYL BENZYL PHTHALATE	UG/L	18	L 3	83	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	4	4	-	580	N-D
PESTICIDES	GAMMA-BHC	NG/L	L 50	220	-	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	29	L 1
	ARSENIC	UG/L	L 50	L 50	-	68	L 2
	CADMIUM	UG/L	L 2	L 2	-	81	L 33
	CHROMIUM	UG/L	L 5	L 5	-	820	L 250
	COPPER	UG/L	14	15	-	L 220	L 160
	CYANIDE	UG/L	142	49	65	72500	68
	LEAD	UG/L	L 50	L 50	-	1800	L 32
	MERCURY	NG/L	L 200	L 200	-	26000	L 9000
	NICKEL	UG/L	L 10	L 10	-	260	L 200
	SELENIUM	UG/L	L 5	L 5	-	2	L 5
	SILVER	UG/L	L 5	L 5	-	110	L 36
	ZINC	UG/L	62	70	-	4100	120

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DAILY ANALYTICAL RESULTS

PLANT 24

SAMPLE DATE ENDING 80/04/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L	718	998	-	NOT RUN	NOT RUN
	BARIUM	UG/L	220	132	40	NOT RUN	NOT RUN
	CALCIUM	MG/L	6	12	-	NOT RUN	NOT RUN
	IRON	UG/L	1930	2760	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	202	160	21	NOT RUN	NOT RUN
	SODIUM	MG/L	58	85	-	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/12
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N D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 24

SAMPLE DATE ENDING 80/04/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	229	5	98	20075	84
	TOTAL SUSP. SOLIDS	MG/L	102	33	68	NOT RUN	NOT RUN
	COD	MG/L	500	140	72	66000	240
	OIL & GREASE	MG/L	51	25	51	5600	205
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	45	57	-	313	8
	TOTAL SOLIDS	MG/L	514	371	28	43692	479
	TOTAL DISS. SOLIDS	MG/L	330	320	3	6000	NOT RUN
	SETTLEABLE SOLIDS	ML/L	4	L 1	75	1000	5
	TOTAL VOLATILE SOLIDS	MG/L	217	71	67	31165	165
	VOLATILE DISS. SOLIDS	MG/L	L 50	100	-	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	38	10	74	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	9	19	-	58	17
	TOC	MG/L	95	23	76	3750	28
VOLATILES	BENZENE	UG/L	L 1	L 1	-	23	N-D
	1,1,2-TRICHLOROETHANE	UG/L	L 1	L 1	-	37	4
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	16	N-D
	CHLOROETHANE	UG/L	L 25	L 25	-	N-D	28
	CHLOROFORM	UG/L	2	L 1	50	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	9	L 1	89	569	8
	METHYLENE CHLORIDE	UG/L	L 3	L 3	-	50	N-D
	METHYL CHLORIDE	UG/L	L 25	L 25	-	1070	N-D
	METHYL BROMIDE	UG/L	L 20	L 20	-	4690	N-D
	DICHLORODIFLUOROMETHANE	UG/L	L 20	L 20	-	156	4
	TETRACHLOROETHYLENE	UG/L	41	L 1	98	11	13
	TOLUENE	UG/L	3	L 1	67	24800	114
	TRICHLOROETHYLENE	UG/L	40	L 1	97	39	2
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	29	17	41	2000	N-D
	PHENOL	UG/L	L 1	L 1	-	2400	N-D
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	95	27	72	2500	N-D
	BUTYL BENZYL PHTHALATE	UG/L	6	L 3	50	390	N-D
	DI-N-BUTYL PHTHALATE	UG/L	5	6	-	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	27	L 1
	ARSENIC	UG/L	L 50	L 50	-	79	L 2
	CADMIUM	UG/L	L 2	L 2	-	55	40
	CHROMIUM	UG/L	L 5	L 5	-	570	L 250
	COPPER	UG/L	19	9	53	1400	L 160
	CYANIDE	UG/L	152	25	84	75800	57
	LEAD	UG/L	L 50	L 50	-	1400	L 32
	MERCURY	NG/L	L 200	1200	-	L 2000	L 2000
	NICKEL	UG/L	L 10	L 10	-	630	L 200
	SELENIUM	UG/L	L 5	L 50	-	4	L 5
	SILVER	UG/L	L 5	L 5	-	86	L 36
	ZINC	UG/L	91	44	52	6600	110
NON-CONV. METALS	ALUMINUM	UG/L	1360	688	49	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/14
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DAILY ANALYTICAL RESULTS

PLANT 24

SAMPLE DATE ENDING 80/04/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	BARIUM	UG/L	229	109	52	NOT RUN	NOT RUN
	CALCIUM	MG/L	7	12	-	NOT RUN	NOT RUN
	IRON	UG/L	3420	2090	39	NOT RUN	NOT RUN
	MANGANESE	UG/L	177	146	18	NOT RUN	NOT RUN
	SODIUM	MG/L	68	66	3	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/14
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N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	182	12	93	7840	4260	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	140	58	59	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	640	104	84	48000	17600	NOT RUN
	OIL & GREASE	MG/L	35	5	86	8100	460	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	142	423	-	2805	606	NOT RUN
	TOTAL SOLIDS	MG/L	860	611	29	45000	14200	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	520	569	-	6470	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	282	111	61	37600	11200	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	67	80	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	90	40	56	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	17	6	65	72	9	NOT RUN
	TOC	MG/L	115	22	81	4200	760	NOT RUN
VOLATILES	BENZENE	UG/L	1	L 1	-	13	1	NOT RUN
	1,2-DICHLOROETHANE	UG/L	L 1	L 1	-	N-D	1	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	25	6	76	24	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	31	7	NOT RUN
	CHLOROFORM	UG/L	22	7	68	1	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	3	N-D	NOT RUN
	ETHYLBENZENE	UG/L	8	L 1	88	69	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	7	7	-	34	3	NOT RUN
	TETRACHLOROETHYLENE	UG/L	11	3	73	149	13	NOT RUN
	TOLUENE	UG/L	20	L 1	95	717	75	NOT RUN
	TRICHLOROETHYLENE	UG/L	1	L 1	-	5	5	NOT RUN
ACID EXTRACT	PHENOL	UG/L	5	L 1	80	17	16	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	16	N-D	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	96	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	299	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	174	5	NOT RUN
	NAPHTHALENE	UG/L	4	L 3	25	252	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	82	34	59	4944	758	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	6	L 3	50	900	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	4	-	395	22	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	322	39	NOT RUN
	DIETHYL PHTHALATE	UG/L	7	L 5	29	460	N-D	NOT RUN
	DIMETHYL PHTHALATE	UG/L	L 5	L 5	-	43	15	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	248	13	NOT RUN
	BENZO (A)PYRENE	UG/L	L 10	L 10	-	199	12	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	263	11	NOT RUN
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	263	11	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	248	13	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	395	4	NOT RUN
	1,12-BENZOPERYLENE	UG/L	L 25	L 25	-	69	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	395	4	NOT RUN
	INDENO(1,2,3-C,D) PYRENE	UG/L	L 25	L 25	-	78	N-D	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	154	11	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
PESTICIDES	GAMMA-BHC	NG/L	300	120	60	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	18	L 1	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	44	L 15	NOT RUN
	CADMIUM	UG/L	6	L 2	67	43	280	NOT RUN
	CHROMIUM	UG/L	90	36	60	16000	4600	NOT RUN
	COPPER	UG/L	102	L 2	98	17000	5300	NOT RUN
	CYANIDE	UG/L	592	228	61	184000	28000	NOT RUN
	LEAD	UG/L	54	L 50	7	6500	660	NOT RUN
	MERCURY	NG/L	800	200	75	340000	39000	NOT RUN
	NICKEL	UG/L	12	L 10	17	1200	300	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	33	11	NOT RUN
	SILVER	UG/L	9	L 5	44	1400	680	NOT RUN
	ZINC	UG/L	220	45	80	15000	8000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1140	445	61	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	83	27	67	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	68	62	9	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1570	716	54	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	7	7	-	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	31	23	26	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	97	84	13	NOT RUN	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR TERT EFFL	NITRIFICATION SLUDGE
CONVENTIONALS	BOD	MG/L	182	NOT RUN	-	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	140	1	99	NOT RUN	NOT RUN
	COD	MG/L	640	52	92	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	35	2	94	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	142	155	-	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	860	533	38	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	520	531	-	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	282	48	83	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	67	69	-	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	90	L 1	99	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	17	L 1	94	NOT RUN	NOT RUN
	TOC	MG/L	115	16	86	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	1	L 1	-	L 1	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	25	1	96	2	NOT RUN
	1,1-DICHLOROETHANE	UG/L	1	1	-	2	NOT RUN
	CHLOROFORM	UG/L	22	11	50	3	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	L 1	NOT RUN
	ETHYLBENZENE	UG/L	8	L 1	88	L 1	NOT RUN
	METHYLENE CHLORIDE	UG/L	7	L 3	57	3	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 1	5	-	L 1	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	L 1	2	-	L 1	NOT RUN
	TETRACHLOROETHYLENE	UG/L	11	L 1	91	1	NOT RUN
	TOLUENE	UG/L	20	L 1	95	L 1	NOT RUN
	TRICHLOROETHYLENE	UG/L	1	L 1	-	L 1	NOT RUN
ACID EXTRACT	PHENOL	UG/L	5	L 1	80	L 1	NOT RUN
BASE-NEUTRALS	NAPHTHALENE	UG/L	4	L 3	25	L 3	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	82	4	95	8	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	6	L 3	50	L 3	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	6	-	6	NOT RUN
	DIETHYL PHTHALATE	UG/L	7	L 5	29	L 5	NOT RUN
PESTICIDES	4,4'-DDD	NG/L	L 300	140	-	380	NOT RUN
	GAMMA-BHC	NG/L	300	190	37	110	NOT RUN
	DELTA-BHC	NG/L	L 100	100	-	L 40	NOT RUN
METALS	CADMIUM	UG/L	6	L 2	67	NOT RUN	NOT RUN
	CHROMIUM	UG/L	90	7	92	NOT RUN	NOT RUN
	COPPER	UG/L	102	9	91	NOT RUN	NOT RUN
	CYANIDE	UG/L	592	NOT RUN	-	NOT RUN	NOT RUN
	LEAD	UG/L	54	L 50	7	NOT RUN	NOT RUN
	MERCURY	NG/L	800	L 200	75	NOT RUN	NOT RUN
	NICKEL	UG/L	12	L 10	17	NOT RUN	NOT RUN
	SILVER	UG/L	9	L 5	44	NOT RUN	NOT RUN
	ZINC	UG/L	220	26	88	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1140	110	90	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/18

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

" " = NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR TERT EFFL	NITRIFICATION SLUDGE
NON-CONV. METALS	BARIUM	UG/L	83	4	95	NOT RUN	NOT RUN
	CALCIUM	MG/L	68	59	13	NOT RUN	NOT RUN
	IRON	UG/L	1570	141	91	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	7	7	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	31	23	26	NOT RUN	NOT RUN
	SODIUM	MG/L	97	80	18	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	269	20	93	18100	19900	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	154	25	84	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	660	54	92	129600	32800	NOT RUN
	OIL & GREASE	MG/L	52	8	85	10100	1720	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1589	515	68	948	643	NOT RUN
	TOTAL SOLIDS	MG/L	907	380	58	51000	14501	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	570	482	15	22900	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	319	64	80	32800	8390	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	150	NOT RUN	-	13500	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	114	20	82	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	17	5	71	82	12	NOT RUN
	TOC	MG/L	125	24	81	4900	1750	NOT RUN
VOLATILES	BENZENE	UG/L	1	L 1	-	5	2	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	88	18	80	23	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	2	1	50	31	22	NOT RUN
	CHLOROFORM	UG/L	20	7	65	2	1	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	L 1	L 1	-	N-D	2	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	N-D	N-D	NOT RUN
	ETHYLBENZENE	UG/L	5	L 1	80	59	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	29	7	76	19	3	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	N-D	3	NOT RUN
	TETRACHLOROETHYLENE	UG/L	16	4	75	135	32	NOT RUN
	TOLUENE	UG/L	34	L 1	97	609	111	NOT RUN
	TRICHLOROETHYLENE	UG/L	2	L 1	50	N-D	N-D	NOT RUN
ACID EXTRACT	PHENOL	UG/L	L 1	1	-	121	34	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	8	L 5	38	259	45	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	120	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	297	99	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	223	8	NOT RUN
	NAPHTHALENE	UG/L	3	L 3	-	225	3	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	70	5	93	8140	1041	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	8	L 3	63	1146	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	8	-	429	N-D	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	639	23	NOT RUN
	DIETHYL PHTHALATE	UG/L	7	L 5	29	52	N-D	NOT RUN
	DIMETHYL PHTHALATE	UG/L	L 5	L 5	-	41	20	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	375	21	NOT RUN
	BENZO (A)PYRENE	UG/L	L 10	L 10	-	263	36	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	330	26	NOT RUN
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	330	26	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	375	21	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	439	7	NOT RUN
	1,12-BENZOPERYLENE	UG/L	L 25	L 25	-	77	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	439	7	NOT RUN
	INDENO(1,2,3-C,D) PYRENE	UG/L	L 25	L 25	-	69	N-D	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	177	18	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
PESTICIDES	GAMMA-BHC	MG/L	600	200	67	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	82	16	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	20	6	NOT RUN
	CADMIUM	UG/L	4	L 2	50	510	320	NOT RUN
	CHROMIUM	UG/L	105	18	83	4600	3800	NOT RUN
	COPPER	UG/L	85	L 2	98	15000	NOT RUN	NOT RUN
	CYANIDE	UG/L	370	230	38	202000	37200	NOT RUN
	LEAD	UG/L	52	L 50	4	9800	3600	NOT RUN
	MERCURY	MG/L	500	L 200	60	110000	L 7000	NOT RUN
	NICKEL	UG/L	12	L 10	17	780	400	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	29	5	NOT RUN
	SILVER	UG/L	11	L 5	55	1600	660	NOT RUN
	ZINC	UG/L	163	L 20	88	20000	11000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1090	151	86	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	74	8	89	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	65	56	14	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1690	333	80	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	8	7	13	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	29	20	31	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	104	81	22	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR TERT EFFL	NITRIFICATION SLUDGE
CONVENTIONALS	BOD	MG/L	269	8	97	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	154	2	99	NOT RUN	NOT RUN
	COD	MG/L	660	28	96	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	52	4	92	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1589	124	92	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	907	557	39	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	570	562	1	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	319	12	96	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	150	75	50	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	114	L 1	99	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	17	L 1	94	NOT RUN	NOT RUN
	TOC	MG/L	125	17	86	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	1	L 1	-	L 1	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	88	4	95	5	NOT RUN
	1,1-DICHLOROETHANE	UG/L	2	3	-	4	NOT RUN
	CHLOROFORM	UG/L	20	13	35	3	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	L 1	NOT RUN
	ETHYLBENZENE	UG/L	5	L 1	80	L 1	NOT RUN
	METHYLENE CHLORIDE	UG/L	29	20	31	11	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 1	8	-	L 1	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	L 1	3	-	L 1	NOT RUN
	TETRACHLOROETHYLENE	UG/L	16	1	94	2	NOT RUN
	TOLUENE	UG/L	34	L 1	97	L 1	NOT RUN
	TRICHLOROETHYLENE	UG/L	2	L 1	50	L 1	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	8	L 5	38	L 5	NOT RUN
	NAPHTHALENE	UG/L	3	L 3	-	L 3	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	70	17	76	3	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	8	L 3	63	L 3	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	4	-	6	NOT RUN
	DIETHYL PHTHALATE	UG/L	7	L 5	29	L 5	NOT RUN
PESTICIDES	GAMMA-BHC	MG/L	600	200	67	140	NOT RUN
METALS	CADMIUM	UG/L	4	L 2	50	NOT RUN	NOT RUN
	CHROMIUM	UG/L	105	10	90	NOT RUN	NOT RUN
	COPPER	UG/L	85	L 2	98	NOT RUN	NOT RUN
	CYANIDE	UG/L	370	NOT RUN	-	NOT RUN	NOT RUN
	LEAD	UG/L	52	L 50	4	NOT RUN	NOT RUN
	MERCURY	MG/L	500	L 200	60	NOT RUN	NOT RUN
	NICKEL	UG/L	12	L 10	17	NOT RUN	NOT RUN
	SILVER	UG/L	11	L 5	55	NOT RUN	NOT RUN
	ZINC	UG/L	163	L 20	88	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1090	41	96	NOT RUN	NOT RUN
	BARIUM	UG/L	74	3	96	NOT RUN	NOT RUN
	CALCIUM	MG/L	65	59	9	NOT RUN	NOT RUN
	IRON	UG/L	1690	85	95	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR TERT EFFL	NITRIFICATION SLUDGE
NON-CONV. METALS	MAGNESIUM	MG/L	8	7	13	NOT RUN	NOT RUN
	MANGANESE	UG/L	29	22	24	NOT RUN	NOT RUN
	SODIUM	MG/L	104	83	20	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D. NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	177	18	90	15000	13100	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	155	27	83	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	460	76	83	56000	14800	NOT RUN
	OIL & GREASE	MG/L	46	10	78	8300	1640	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	521	106	80	619	130	NOT RUN
	TOTAL SOLIDS	MG/L	755	567	25	56000	15000	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	582	563	3	22900	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	251	73	71	38100	11600	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	147	86	41	8240	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	133	21	84	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	17	6	65	73	10	NOT RUN
	TOC	MG/L	85	21	75	3400	970	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	4	1	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	12	4	67	14	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	29	8	NOT RUN
	CHLOROFORM	UG/L	13	6	54	2	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	3	N-D	NOT RUN
	ETHYLBENZENE	UG/L	1	L 1	-	52	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	14	4	71	20	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	12	4	67	135	25	NOT RUN
	TOLUENE	UG/L	11	L 1	91	949	128	NOT RUN
	TRICHLOROETHYLENE	UG/L	1	L 1	-	N-D	N-D	NOT RUN
ACID EXTRACT	PHENOL	UG/L	5	L 1	80	265	23	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	281	6	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	264	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	409	15	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	207	7	NOT RUN
	NAPHTHALENE	UG/L	L 3	L 5	-	200	2	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	96	46	52	5122	866	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	8	L 3	63	1076	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	526	N-D	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	237	35	NOT RUN
	DIETHYL PHTHALATE	UG/L	10	L 5	50	23	N-D	NOT RUN
	DIMETHYL PHTHALATE	UG/L	L 5	L 5	-	N-D	23	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	344	21	NOT RUN
	BENZO (A)PYRENE	UG/L	L 10	L 10	-	309	20	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	379	23	NOT RUN
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	379	23	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	344	21	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	487	7	NOT RUN
	1,12-BENZOPERYLENE	UG/L	L 25	L 25	-	113	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	487	7	NOT RUN
	INDENO(1,2,3-C,D) PYRENE	UG/L	L 25	L 25	-	102	N-D	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	23	19	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	280	120	57	N-D	N-D	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/20
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	ANTIMONY	UG/L	L 5	L 50	-	78	13	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	35	50	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	880	180	NOT RUN
	CHROMIUM	UG/L	55	15	73	7700	2300	NOT RUN
	COPPER	UG/L	215	L 2	99	8600	4000	NOT RUN
	CYANIDE	UG/L	937	200	79	223000	44000	NOT RUN
	LEAD	UG/L	L 50	L 50	-	9700	2900	NOT RUN
	MERCURY	NG/L	300	L 200	33	210000	32000	NOT RUN
	NICKEL	UG/L	L 10	L 10	-	310	160	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	41	5	NOT RUN
	SILVER	UG/L	L 5	L 5	-	1800	440	NOT RUN
	ZINC	UG/L	121	L 20	83	17000	6700	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1310	146	89	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	69	10	86	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	63	64	-	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1610	327	80	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	7	7	-	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	25	22	12	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	77	85	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/20
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.R.=NOT RECEIVED

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR TERT EFFL	NITRIFICATION SLUDGE
CONVENTIONALS	BOD	MG/L	177	8	95	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	155	2	99	NOT RUN	NOT RUN
	COD	MG/L	460	48	90	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	46	6	87	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	521	57	89	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	755	564	25	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	582	566	3	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	251	42	83	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	147	80	46	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	133	L 1	99	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	17	1	94	NOT RUN	NOT RUN
	TOC	MG/L	85	17	80	NOT RUN	NOT RUN
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	12	2	83	2	NOT RUN
	1,1-DICHLOROETHANE	UG/L	1	2	-	2	NOT RUN
	CHLOROFORM	UG/L	13	8	38	3	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	L 1	NOT RUN
	ETHYLBENZENE	UG/L	1	L 1	-	L 1	NOT RUN
	METHYLENE CHLORIDE	UG/L	14	11	21	12	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 1	3	-	L 1	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	L 1	1	-	L 1	NOT RUN
	TETRACHLOROETHYLENE	UG/L	12	2	83	2	NOT RUN
	TOLUENE	UG/L	11	L 1	91	L 1	NOT RUN
	TRICHLOROETHYLENE	UG/L	1	L 1	-	L 1	NOT RUN
ACID EXTRACT	PHENOL	UG/L	5	L 1	80	L 1	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	96	510	-	L 3	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	8	L 3	63	L 3	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	28	-	L 5	NOT RUN
	DIETHYL PHTHALATE	UG/L	10	L 5	50	L 5	NOT RUN
PESTICIDES	4,4'-DDD	NG/L	L 600	L 300	-	380	NOT RUN
	GAMMA-BHC	NG/L	280	130	54	140	NOT RUN
METALS	CHROMIUM	UG/L	55	8	85	NOT RUN	NOT RUN
	COPPER	UG/L	215	L 2	99	NOT RUN	NOT RUN
	CYANIDE	UG/L	937	NOT RUN	-	NOT RUN	NOT RUN
	MERCURY	NG/L	300	L 200	33	NOT RUN	NOT RUN
	ZINC	UG/L	121	L 20	83	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1310	27	98	NOT RUN	NOT RUN
	BARIUM	UG/L	69	3	96	NOT RUN	NOT RUN
	CALCIUM	MG/L	63	61	3	NOT RUN	NOT RUN
	IRON	UG/L	1610	112	93	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	7	7	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	25	21	16	NOT RUN	NOT RUN
	SODIUM	MG/L	77	89	-	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/20
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	TOTAL SUSP. SOLIDS	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	2
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	69
	TOTAL SOLIDS	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	259
	TOTAL DISS. SOLIDS	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	215
	TOTAL VOLATILE SOLIDS	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	39
	VOLATILE DISS. SOLIDS	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	54
	TOTAL VOL. SUS. SOLIDS	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	2
	TOC	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	3
VOLATILES	CHLOROFORM	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	110
	DICHLOROBROMOMETHANE	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	32
	DICHLORODIFLUOROMETHANE	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	21
	CHLORODIBROMOMETHANE	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	3
METALS	COPPER	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	4
	CYANIDE	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	38
NON-CONV. METALS	ALUMINUM	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	362
	BARIUM	UG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	9
	CALCIUM	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	50
	MAGNESIUM	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	3
	SODIUM	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	10

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	554	NOT RUN	-	33414	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	197	113	43	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	600	184	69	57600	18000	NOT RUN
	OIL & GREASE	MG/L	29	6	79	7500	1120	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	295	130	56	1730	1516	NOT RUN
	TOTAL SOLIDS	MG/L	846	626	26	34000	11900	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	644	550	15	18500	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	298	144	52	23500	9100	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	188	NOT RUN	-	15500	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	157	93	41	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	22	7	68	69	10	NOT RUN
	TOC	MG/L	150	26	83	3500	1200	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	8	1	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	34	5	85	6	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	18	7	NOT RUN
	CHLOROFORM	UG/L	14	5	64	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	3	N-D	NOT RUN
	ETHYLBENZENE	UG/L	7	L 1	86	35	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	9	8	11	14	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	10	2	80	107	10	NOT RUN
	TOLUENE	UG/L	17	L 1	94	394	102	NOT RUN
	TRICHLOROETHYLENE	UG/L	1	L 1	-	10	N-D	NOT RUN
ACID EXTRACT	PHENOL	UG/L	9	L 1	89	232	41	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	126	N-D	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	193	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	255	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	122	6	NOT RUN
	NAPHTHALENE	UG/L	L 5	L 3	-	237	2	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	88	21	76	5934	751	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	29	L 3	90	1212	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	5	-	446	6	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	545	26	NOT RUN
	DIETHYL PHTHALATE	UG/L	L 5	L 5	-	25	N-D	NOT RUN
	DIMETHYL PHTHALATE	UG/L	L 5	L 5	-	34	17	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	238	19	NOT RUN
	BENZO (A)PYRENE	UG/L	L 10	L 10	-	163	16	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	173	20	NOT RUN
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	173	20	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	238	19	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	334	5	NOT RUN
	1,12-BENZOPERYLENE	UG/L	L 25	L 25	-	22	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	334	5	NOT RUN
	INDENO(1,2,3-C,D) PYRENE	UG/L	L 25	L 25	-	19	N-D	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	125	15	NOT RUN
PESTICIDES	ALPHA-BHC	NG/L	270	70	74	N-D	N-D	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/22
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
PESTICIDES	GAMMA-BHC	NG/L	460	200	57	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	60	16	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	100	6	NOT RUN
	CADMIUM	UG/L	4	L 2	50	140	270	NOT RUN
	CHROMIUM	UG/L	67	52	22	9000	5800	NOT RUN
	COPPER	UG/L	65	39	40	10000	6200	NOT RUN
	CYANIDE	UG/L	1060	289	73	286000	22800	NOT RUN
	LEAD	UG/L	93	L 50	46	9900	2400	NOT RUN
	MERCURY	NG/L	700	300	57	L 9000	L 7000	NOT RUN
	NICKEL	UG/L	L 10	L 10	-	1100	220	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	6	6	NOT RUN
	SILVER	UG/L	11	8	27	930	590	NOT RUN
	ZINC	UG/L	183	96	48	24400	10000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1270	809	36	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	80	46	42	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	57	60	-	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	2100	1170	44	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	6	7	-	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	26	32	-	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	80	73	9	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/22
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR TERT EFFL	NITRIFICATION SLUDGE
CONVENTIONALS	BOD	MG/L	554	NOT RUN	-	NOT RUN	14680
	TOTAL SUSP. SOLIDS	MG/L	197	2	99	NOT RUN	NOT RUN
	COD	MG/L	600	28	95	NOT RUN	13200
	OIL & GREASE	MG/L	29	2	93	NOT RUN	1300
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	295	118	60	NOT RUN	191
	TOTAL SOLIDS	MG/L	846	499	41	NOT RUN	11100
	TOTAL DISS. SOLIDS	MG/L	644	514	20	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	298	51	83	NOT RUN	8155
	VOLATILE DISS. SOLIDS	MG/L	188	62	67	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	157	L 1	99	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	22	L 1	95	NOT RUN	31
	TOC	MG/L	150	15	90	NOT RUN	850
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	1
	1,1,1-TRICHLOROETHANE	UG/L	34	L 1	97	1	N-D
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	L 1	4
	CHLOROFORM	UG/L	14	8	43	2	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	L 1	N-D
	ETHYLBENZENE	UG/L	7	L 1	86	L 1	79
	METHYLENE CHLORIDE	UG/L	9	4	56	5	2
	DICHLOROBROMOMETHANE	UG/L	L 1	4	-	L 1	N-D
	CHLORODIBROMOMETHANE	UG/L	L 1	2	-	L 1	N-D
	TETRACHLOROETHYLENE	UG/L	10	1	90	1	7
	TOLUENE	UG/L	17	2	88	L 1	881
	TRICHLOROETHYLENE	UG/L	1	L 1	-	L 1	N-D
ACID EXTRACT	PHENOL	UG/L	9	L 1	89	L 1	19
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	4
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	88	3	97	6	652
	BUTYL BENZYL PHTHALATE	UG/L	29	L 3	90	L 3	10
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	4	12
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	L 5	13
	DIMETHYL PHTHALATE	UG/L	L 5	L 5	-	L 5	14
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	13
	BENZO (A)PYRENE	UG/L	L 10	L 10	-	L 10	17
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	L 5	8
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	L 5	8
	CHRYSENE	UG/L	L 5	L 5	-	L 5	13
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	3
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	3
	PYRENE	UG/L	L 4	L 4	-	L 4	8
PESTICIDES	4,4'-DDD	NG/L	L 600	140	-	300	N-D
	ALPHA-BHC	NG/L	270	L 10	96	10	N-D
	GAMMA-BHC	NG/L	460	160	65	170	N-D
	DELTA-BHC	NG/L	L 200	L 20	-	20	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	NOT RUN	3

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/22
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		TERTIARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR TERT EFFL	NITRIFICATION SLUDGE
METALS	CADMIUM	UG/L	4	L	2	50	NOT RUN	49
	CHROMIUM	UG/L	67	L	5	93	NOT RUN	2000
	COPPER	UG/L	65	L	2	97	NOT RUN	6100
	CYANIDE	UG/L	1060		NOT RUN	-	NOT RUN	25800
	LEAD	UG/L	93	L	50	46	NOT RUN	2700
	MERCURY	NG/L	700	L	200	71	NOT RUN	38000
	NICKEL	UG/L	L 10	L	10	-	NOT RUN	330
	SELENIUM	UG/L	L 50	L	50	-	NOT RUN	6
	SILVER	UG/L	11	L	5	55	NOT RUN	660
	ZINC	UG/L	183	L	20	89	NOT RUN	4400
NON-CONV. METALS	ALUMINUM	UG/L	1270		100	92	NOT RUN	NOT RUN
	BARIUM	UG/L	80		3	96	NOT RUN	NOT RUN
	CALCIUM	MG/L	57		66	-	NOT RUN	NOT RUN
	IRON	UG/L	2100		90	96	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	6		7	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	26		22	15	NOT RUN	NOT RUN
	SODIUM	MG/L	80		78	2	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/22
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N/D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	462	45	90	34250	14200	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	194	14	93	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	600	84	86	48000	14400	NOT RUN
	OIL & GREASE	MG/L	48	7	85	10900	1820	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	551	1596	-	2493	326	NOT RUN
	TOTAL SOLIDS	MG/L	895	535	40	44600	11300	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	668	545	18	19400	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	340	56	84	30000	8700	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	136	NOT RUN	-	11700	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	164	12	93	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	12	5	58	78	12	NOT RUN
	TOC	MG/L	135	18	87	2300	1350	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	2	1	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	58	9	84	8	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	18	11	NOT RUN
	CHLOROFORM	UG/L	15	6	60	2	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	3	N-D	NOT RUN
	ETHYLBENZENE	UG/L	11	L 1	91	29	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	6	4	33	15	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	10	2	80	89	12	NOT RUN
	TOLUENE	UG/L	19	L 1	95	500	101	NOT RUN
	TRICHLOROETHYLENE	UG/L	5	L 1	80	8	2	NOT RUN
ACID EXTRACT	PHENOL	UG/L	6	L 1	83	176	24	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	45	N-D	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	141	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	92	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	48	8	NOT RUN
	NAPHTHALENE	UG/L	6	L 3	50	68	1	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	47	L 3	94	4066	861	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	8	L 3	63	826	8	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	25	L 4	84	223	24	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	256	36	NOT RUN
	DIETHYL PHTHALATE	UG/L	8	L 5	38	N-D	N-D	NOT RUN
	DIMETHYL PHTHALATE	UG/L	L 5	L 5	-	17	17	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	116	17	NOT RUN
	BENZO (A)PYRENE	UG/L	L 10	L 10	-	54	11	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	58	19	NOT RUN
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	58	19	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	116	17	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	124	34	NOT RUN
	1,12-BENZOPERYLENE	UG/L	L 25	L 25	-	12	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	124	34	NOT RUN
	INDENO(1,2,3-C,D) PYRENE	UG/L	L 25	L 25	-	17	N-D	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	49	17	NOT RUN
PESTICIDES	ALPHA-BHC	NG/L	260	L 10	96	N-D	N-D	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/23
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
PESTICIDES	GAMMA-BHC	NG/L	320	140	56	N-D	N-D	NOT RUN
	DELTA-BHC	NG/L	L 200	20	-	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	110	32	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	150	290	NOT RUN
	CADMIUM	UG/L	4	L 2	50	180	96	NOT RUN
	CHROMIUM	UG/L	77	13	83	2900	2500	NOT RUN
	COPPER	UG/L	80	L 2	97	11000	3400	NOT RUN
	CYANIDE	UG/L	1820	270	85	167000	18700	NOT RUN
	LEAD	UG/L	59	L 50	15	7700	2800	NOT RUN
	MERCURY	NG/L	700	L 200	71	L 7000	26000	NOT RUN
	NICKEL	UG/L	L 10	L 10	-	460	L 180	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	4	11	NOT RUN
	SILVER	UG/L	12	L 5	58	960	340	NOT RUN
	ZINC	UG/L	200	L 20	90	14000	4800	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1240	70	94	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	87	4	95	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	61	54	11	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1820	182	90	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	7	6	14	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	30	20	33	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	91	74	19	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/23
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR TERT EFFL	NITRIFICATION SLUDGE
CONVENTIONALS	BOD	MG/L	462	9	98	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	194	1	99	NOT RUN	NOT RUN
	COD	MG/L	600	64	89	NOT RUN	13200
	OIL & GREASE	MG/L	48	4	92	NOT RUN	975
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	551	442	20	NOT RUN	558
	TOTAL SOLIDS	MG/L	895	526	41	NOT RUN	10225
	TOTAL DISS. SOLIDS	MG/L	668	410	39	NOT RUN	4000
	TOTAL VOLATILE SOLIDS	MG/L	340	37	89	NOT RUN	7462
	VOLATILE DISS. SOLIDS	MG/L	136	NOT RUN	-	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	164	L 1	99	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	12	L 1	92	NOT RUN	18
	TOC	MG/L	135	8	94	NOT RUN	600
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	1
	1,1,1-TRICHLOROETHANE	UG/L	58	1	98	2	N-D
	1,1-DICHLOROETHANE	UG/L	1	2	-	2	5
	CHLOROFORM	UG/L	15	7	53	2	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	L 1	1
	ETHYLBENZENE	UG/L	11	L 1	91	L 1	N-D
	METHYLENE CHLORIDE	UG/L	6	6	-	5	1
	DICHLOROBROMOMETHANE	UG/L	L 1	4	-	L 1	N-D
	CHLORODIBROMOMETHANE	UG/L	L 1	1	-	L 1	N-D
	TETRACHLOROETHYLENE	UG/L	10	L 1	90	L 1	3
	TOLUENE	UG/L	19	L 1	95	L 1	1236
	TRICHLOROETHYLENE	UG/L	5	L 1	80	L 1	2
ACID EXTRACT	PHENOL	UG/L	6	L 1	83	L 1	100
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	7
	NAPHTHALENE	UG/L	6	L 3	50	L 3	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	47	L 3	94	L 3	498
	BUTYL BENZYL PHTHALATE	UG/L	8	L 3	63	L 3	25
	DI-N-BUTYL PHTHALATE	UG/L	25	L 4	84	L 4	8
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	L 5	9
	DIETHYL PHTHALATE	UG/L	8	L 5	38	L 5	3
	DIMETHYL PHTHALATE	UG/L	L 5	L 5	-	L 5	24
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	17
	BENZO (A)PYRENE	UG/L	L 10	L 10	-	L 10	5
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	L 5	12
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	L 5	12
	CHRYSENE	UG/L	L 5	L 5	-	L 5	17
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	5
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	5
	PYRENE	UG/L	L 4	L 4	-	L 4	11
PESTICIDES	ALPHA-BHC	NG/L	260	30	88	L 10	N-D
	GAMMA-BHC	NG/L	320	210	34	70	N-D
	DELTA-BHC	NG/L	L 200	280	-	L 20	N-D

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/23
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR TERT EFFL	NITRIFICATION SLUDGE
METALS	ANTIMONY	UG/L	L 50	L 50	-	NOT RUN	8
	ARSENIC	UG/L	L 50	L 50	-	NOT RUN	5
	CADMIUM	UG/L	4	L 2	50	NOT RUN	220
	CHROMIUM	UG/L	77	6	92	NOT RUN	4900
	COPPER	UG/L	80	L 2	97	NOT RUN	17000
	CYANIDE	UG/L	1820	NOT RUN	-	NOT RUN	12800
	LEAD	UG/L	59	L 50	15	NOT RUN	3100
	MERCURY	NG/L	700	L 200	71	NOT RUN	49000
	NICKEL	UG/L	L 10	L 10	-	NOT RUN	250
	SELENIUM	UG/L	L 50	L 50	-	NOT RUN	7
	SILVER	UG/L	12	L 5	58	NOT RUN	640
	ZINC	UG/L	200	L 20	90	NOT RUN	7000
NON-CONV. METALS	ALUMINUM	UG/L	1240	35	97	NOT RUN	NOT RUN
	BARIUM	UG/L	87	3	97	NOT RUN	NOT RUN
	CALCIUM	MG/L	61	57	7	NOT RUN	NOT RUN
	IRON	UG/L	1820	108	94	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	7	6	14	NOT RUN	NOT RUN
	MANGANESE	UG/L	30	22	27	NOT RUN	NOT RUN
	SODIUM	MG/L	91	78	14	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/23
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	NOT RUN	55	-	55000	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	250	14	94	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	680	68	90	86400	19200	NOT RUN
	OIL & GREASE	MG/L	32	5	84	8900	1150	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	130	112	14	838	179	NOT RUN
	TOTAL SOLIDS	MG/L	841	526	37	41100	12200	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	484	453	6	NOT RUN	10000	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	292	19	93	27600	9400	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	104	NOT RUN	-	NOT RUN	7200	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	204	11	95	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	18	6	67	110	14	NOT RUN
	TOC	MG/L	100	16	84	4000	970	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	3	1	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	57	11	81	15	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	33	14	NOT RUN
	CHLOROFORM	UG/L	15	7	53	2	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	4	N-D	NOT RUN
	ETHYLBENZENE	UG/L	9	L 1	89	N-D	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	5	3	40	20	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	10	2	80	139	13	NOT RUN
	TOLUENE	UG/L	16	1	94	1020	446	NOT RUN
	TRICHLOROETHYLENE	UG/L	2	L 1	50	10	1	NOT RUN
ACID EXTRACT	PHENOL	UG/L	8	L 1	88	220	113	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	47	N-D	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	66	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	106	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	73	8	NOT RUN
	NAPHTHALENE	UG/L	11	L 3	73	87	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	53	10	81	3104	813	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	7	L 3	57	762	8	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	218	N-D	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	140	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	8	L 5	38	N-D	N-D	NOT RUN
	DIMETHYL PHTHALATE	UG/L	L 5	L 5	-	11	13	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	136	21	NOT RUN
	BENZO (A)PYRENE	UG/L	L 10	L 10	-	83	10	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	81	13	NOT RUN
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	81	13	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	136	21	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	150	7	NOT RUN
	1,12-BENZOPERYLENE	UG/L	L 25	L 25	-	26	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	150	7	NOT RUN
	INDENO(1,2,3-C,D) PYRENE	UG/L	L 25	L 25	-	40	N-D	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	67	18	NOT RUN
PESTICIDES	ALPHA-BHC	NG/L	230	L 10	96	N-D	N-D	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	TAP WATER
PESTICIDES	GAMMA-BHC	NG/L	350	140	60	N-D	N-D	NOT RUN
	DELTA-BHC	NG/L	L 200	20	-	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	94	13	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	27	L 6	NOT RUN
	CADMIUM	UG/L	4	L 2	50	160	120	NOT RUN
	CHROMIUM	UG/L	85	13	85	11000	2000	NOT RUN
	COPPER	UG/L	97	L 2	98	15000	3400	NOT RUN
	CYANIDE	UG/L	2510	249	90	128000	47200	NOT RUN
	LEAD	UG/L	72	L 50	31	9000	2930	NOT RUN
	MERCURY	NG/L	600	L 200	67	140000	38000	NOT RUN
	NICKEL	UG/L	12	L 10	17	840	L 230	NOT RUN
	SILVER	UG/L	13	L 5	62	1500	320	NOT RUN
	ZINC	UG/L	184	L 20	89	22000	5000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1240	79	94	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	91	5	95	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	61	60	2	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1820	233	87	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	7	6	14	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	29	22	24	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	88	83	6	NOT RUN	NOT RUN	NOT RUN

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N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR TERT EFFL	NITRIFICATION SLUDGE
CONVENTIONALS	TOTAL SUSP. SOLIDS	MG/L	250	2	99	NOT RUN	NOT RUN
	COD	MG/L	680	52	92	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	32	3	91	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	130	490	-	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	841	514	39	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	484	527	-	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	292	56	81	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	104	46	56	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	204	L 1	100	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	18	L 1	94	NOT RUN	NOT RUN
	TOC	MG/L	100	16	84	NOT RUN	NOT RUN
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	57	2	96	L 1	NOT RUN
	1,1-DICHLOROETHANE	UG/L	1	2	-	2	NOT RUN
	CHLOROFORM	UG/L	15	11	27	2	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	L 1	NOT RUN
	ETHYLBENZENE	UG/L	9	L 1	89	L 1	NOT RUN
	METHYLENE CHLORIDE	UG/L	5	3	40	9	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 1	6	-	L 1	NOT RUN
	TETRACHLOROETHYLENE	UG/L	10	2	80	1	NOT RUN
	TOLUENE	UG/L	16	L 1	94	L 1	NOT RUN
	TRICHLOROETHYLENE	UG/L	2	L 1	50	L 1	NOT RUN
ACID EXTRACT	PHENOL	UG/L	8	L 1	88	L 1	NOT RUN
BASE-NEUTRALS	NAPHTHALENE	UG/L	11	L 3	73	L 3	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	53	210	-	210	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	7	L 3	57	L 3	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	8	-	9	NOT RUN
	DIETHYL PHTHALATE	UG/L	F	L 5	38	L 5	NOT RUN
PESTICIDES	4,4'-DDD	NG/L	L 600	L 1200	-	270	NOT RUN
	ALPHA-BHC	NG/L	230	L 200	13	110	NOT RUN
	GAMMA-BHC	NG/L	350	L 200	43	210	NOT RUN
METALS	CADMIUM	UG/L	4	L 2	50	NOT RUN	NOT RUN
	CHROMIUM	UG/L	85	9	89	NOT RUN	NOT RUN
	COPPER	UG/L	97	L 2	98	NOT RUN	NOT RUN
	CYANIDE	UG/L	2510	NOT RUN	-	NOT RUN	NOT RUN
	LEAD	UG/L	72	L 50	31	NOT RUN	NOT RUN
	MERCURY	NG/L	600	L 200	67	NOT RUN	NOT RUN
	NICKEL	UG/L	12	L 10	17	NOT RUN	NOT RUN
	SILVER	UG/L	13	L 5	62	NOT RUN	NOT RUN
	ZINC	UG/L	184	L 20	89	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1240	31	97	NOT RUN	NOT RUN
	BARIUM	UG/L	91	3	97	NOT RUN	NOT RUN
	CALCIUM	MG/L	61	57	7	NOT RUN	NOT RUN
	IRON	UG/L	1820	104	94	NOT RUN	NOT RUN

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L-LESS THAN; G-GREATER THAN; T-TRACE; I OR J-INTERFERENCE; U-UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 25

SAMPLE DATE ENDING 80/04/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR TERT EFFL	NITRIFICATION SLUDGE
NON-CONV. METALS	MAGNESIUM	MG/L	7	6	14	NOT RUN	NOT RUN
	MANGANESE	UG/L	29	22	24	NOT RUN	NOT RUN
	SODIUM	MG/L	88	81	8	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 24

SAMPLE DATE ENDING 80/05/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	130	10	92	50000	8330	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	170	5	97	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	253	64	75	65000	9000	NOT RUN
	OIL & GREASE	MG/L	11	2	82	3600	300	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	69	57	17	819	131	NOT RUN
	TOTAL SOLIDS	MG/L	730	481	34	76000	7975	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	420	439	-	22200	4390	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	200	87	56	35350	5530	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	73	94	-	5000	1780	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	70	4	94	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	4	2	50	154	7	NOT RUN
	TOC	MG/L	47	8	83	3500	2250	NOT RUN
VOLATILES	BENZENE	UG/L	2	L 1	50	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	7	1	86	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	2	1	50	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	1520	166	NOT RUN
	ETHYLBENZENE	UG/L	5	L 1	80	169	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	7	8	-	82	151	NOT RUN
	TETRACHLOROETHYLENE	UG/L	160	26	84	N-D	N-D	NOT RUN
	TOLUENE	UG/L	20	L 1	95	186	N-D	NOT RUN
	TRICHLOROETHYLENE	UG/L	23	2	91	20	N-D	NOT RUN
ACID EXTRACT	PHENOL	UG/L	2	L 1	50	N-D	N-D	NOT RUN
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 20	L 4	-	540	N-D	NOT RUN
	NAPHTHALENE	UG/L	L 15	L 3	-	220	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	50	154	-	13000	1400	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 20	6	-	N-D	N-D	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 25	5	-	N-D	N-D	NOT RUN
	CHRYSENE	UG/L	L 25	L 5	-	300	N-D	NOT RUN
	ANTHRACENE	UG/L	L 25	L 5	-	530	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 25	L 5	-	530	N-D	NOT RUN
	PYRENE	UG/L	L 20	L 4	-	505	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	4	9	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	670	19	NOT RUN
	CADMIUM	UG/L	4	L 2	50	420	260	NOT RUN
	CHROMIUM	UG/L	60	9	85	2300	2400	NOT RUN
	COPPER	UG/L	111	3	97	22000	5100	NOT RUN
	CYANIDE	UG/L	60	54	10	105000	1990	NOT RUN
	LEAD	UG/L	134	L 50	63	30000	3200	NOT RUN
	MERCURY	NG/L	500	L 200	60	120000	25000	NOT RUN
	NICKEL	UG/L	17	17	-	1400	470	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	76	2	NOT RUN
	SILVER	UG/L	6	L 5	17	620	570	NOT RUN
	ZINC	UG/L	399	96	76	42000	12000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	4400	110	97	NOT RUN	NOT RUN	NOT RUN

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N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 26

SAMPLE DATE ENDING 80/05/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
NON-CONV. METALS	BARIUM	UG/L	126	20	84	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	52	45	13	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	7960	170	98	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	11	10	9	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	415	199	52	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	52	51	2	NOT RUN	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 26

SAMPLE DATE ENDING 80/05/13 0800 HOURS

FRACTION	PARAMETER	UNITS	FILTER FILTRATE	RECYCLE LINE	OTHER SOURCE
CONVENTIONALS	BOD	MG/L	2400	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	1800	NOT RUN	NOT RUN
	COD	MG/L	4200	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	90	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	313	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	4580	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	2320	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	700	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	98	NOT RUN	NOT RUN
	TOC	MG/L	950	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	1	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	1	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	1	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	12	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	28	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	3	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	11	NOT RUN	NOT RUN
	TOLUENE	UG/L	34	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	33	NOT RUN	NOT RUN
ACID EXTRACT	2-CHLOROPHENOL	UG/L	2	NOT RUN	NOT RUN
	2,4-DICHLOROPHENOL	UG/L	2	NOT RUN	NOT RUN
	2,4-DIMETHYLPHENOL	UG/L	3	NOT RUN	NOT RUN
	PHENOL	UG/L	51	NOT RUN	NOT RUN
BASE-NEUTRALS	NAPHTHALENE	UG/L	60	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	295	NOT RUN	NOT RUN
PESTICIDES	HEPTACHLOR	NG/L	930	NOT RUN	NOT RUN
	HEPTACHLOR EPOXIDE	NG/L	200	NOT RUN	NOT RUN
METALS	CADMIUM	UG/L	32	NOT RUN	NOT RUN
	CHROMIUM	UG/L	373	NOT RUN	NOT RUN
	COPPER	UG/L	960	NOT RUN	NOT RUN
	CYANIDE	UG/L	459	NOT RUN	NOT RUN
	MERCURY	NG/L	2200	NOT RUN	NOT RUN
	NICKEL	UG/L	254	NOT RUN	NOT RUN
	SELENIUM	UG/L	17	NOT RUN	NOT RUN
	SILVER	UG/L	48	NOT RUN	NOT RUN
	ZINC	UG/L	2680	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	18000	NOT RUN	NOT RUN
	BARIUM	UG/L	708	NOT RUN	NOT RUN
	CALCIUM	MG/L	554	NOT RUN	NOT RUN
	IRON	UG/L	32100	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	15	NOT RUN	NOT RUN
	MANGANESE	UG/L	1410	NOT RUN	NOT RUN
	SODIUM	MG/L	62	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/13
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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 26

SAMPLE DATE ENDING 80/05/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	90	24	73	47000	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	90	4	96	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	180	46	74	59000	8700	NOT RUN
	OIL & GREASE	MG/L	10	4	60	2950	340	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	87	51	41	693	201	NOT RUN
	TOTAL SOLIDS	MG/L	630	486	23	75660	8490	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	510	499	2	21300	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	113	54	52	34300	5470	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	NOT RUN	NOT RUN	-	11300	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	NOT RUN	3	-	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	3	1	67	188	7	NOT RUN
	TOC	MG/L	45	7	84	3400	900	NOT RUN
VOLATILES	BENZENE	UG/L	3	L 1	67	22	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	6	2	67	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	1	1	-	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	1190	55	NOT RUN
	ETHYLBENZENE	UG/L	3	L 1	67	158	30	NOT RUN
	METHYLENE CHLORIDE	UG/L	6	4	33	105	2	NOT RUN
	TETRACHLOROETHYLENE	UG/L	39	33	15	N-D	N-D	NOT RUN
	TOLUENE	UG/L	26	L 1	96	263	12	NOT RUN
	TRICHLOROETHYLENE	UG/L	3	L 1	67	N-D	14	NOT RUN
ACID EXTRACT	PHENOL	UG/L	2	L 1	50	N-D	160	NOT RUN
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 4	L 4	-	334	N-D	NOT RUN
	NAPHTHALENE	UG/L	4	L 3	25	140	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	77	41	47	6900	11000	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	4	L 4	-	N-D	N-D	NOT RUN
	DIMETHYL PHTHALATE	UG/L	L 5	L 5	-	85	N-D	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	270	N-D	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	410	72	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	410	72	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	278	N-D	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	460	L 10	98	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	56	16	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	760	34	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	190	L 32	NOT RUN
	CADMIUM	UG/L	3	L 2	33	540	200	NOT RUN
	CHROMIUM	UG/L	47	11	77	12000	2700	NOT RUN
	COPPER	UG/L	74	L 2	97	20000	4700	NOT RUN
	CYANIDE	UG/L	65	39	40	96500	1840	NOT RUN
	LEAD	UG/L	76	L 50	34	24000	2600	NOT RUN
	MERCURY	NG/L	300	L 200	33	260000	40000	NOT RUN
	NICKEL	UG/L	13	12	8	2100	210	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	140	59	NOT RUN
	SILVER	UG/L	L 5	L 5	-	1600	480	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 26

SAMPLE DATE ENDING 80/05/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	ZINC	UG/L	321	106	67	6300	14000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	2010	137	93	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	96	25	74	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	60	54	10	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	4040	174	96	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	13	12	8	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	281	190	32	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	61	57	7	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 26

SAMPLE DATE ENDING 80/05/14 0800 HOURS

FRACTION	PARAMETER	UNITS	FILTER FILTRATE	RECYCLE LINE	OTHER SOURCE
CONVENTIONALS	BOD	MG/L	3150	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	1550	NOT RUN	NOT RUN
	COD	MG/L	5040	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	350	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	478	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	5280	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	2660	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	1000	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	1500	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	105	NOT RUN	NOT RUN
	TOC	MG/L	970	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	2	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	1	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	27	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	34	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	3	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	11	NOT RUN	NOT RUN
	TOLUENE	UG/L	40	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	47	NOT RUN	NOT RUN
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	3	NOT RUN	NOT RUN
	PENTACHLOROPHENOL	UG/L	5	NOT RUN	NOT RUN
	PHENOL	UG/L	54	NOT RUN	NOT RUN
BASE-NEUTRALS	NAPHTHALENE	UG/L	65	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	200	NOT RUN	NOT RUN
PESTICIDES,	HEPTACHLOR	NG/L	1410	NOT RUN	NOT RUN
	HEPTACHLOR EPOXIDE	NG/L	400	NOT RUN	NOT RUN
	GAMMA-BHC	NG/L	150	NOT RUN	NOT RUN
METALS	ARSENIC	UG/L	28	NOT RUN	NOT RUN
	CADMIUM	UG/L	77	NOT RUN	NOT RUN
	CHROMIUM	UG/L	868	NOT RUN	NOT RUN
	COPPER	UG/L	1770	NOT RUN	NOT RUN
	CYANIDE	UG/L	1020	NOT RUN	NOT RUN
	LEAD	UG/L	1600	NOT RUN	NOT RUN
	MERCURY	NG/L	2900	NOT RUN	NOT RUN
	NICKEL	UG/L	347	NOT RUN	NOT RUN
	SELENIUM	UG/L	17	NOT RUN	NOT RUN
	SILVER	UG/L	111	NOT RUN	NOT RUN
	ZINC	UG/L	5790	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	38600	NOT RUN	NOT RUN
	BARIUM	UG/L	1520	NOT RUN	NOT RUN
	CALCIUM	MG/L	327	NOT RUN	NOT RUN
	IRON	UG/L	72400	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	28	NOT RUN	NOT RUN

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L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D-NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 26

SAMPLE DATE ENDING 80/05/14 0800 HOURS

FRACTION	PARAMETER	UNITS	FILTER FILTRATE	RECYCLE LINE	OTHER SOURCE
NON-CONV. METALS	MANGANESE	UG/L	2960	NOT RUN	NOT RUN
	SODIUM	MG/L	67	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 26

SAMPLE DATE ENDING 80/05/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	126	10	92	43400	8500	4
	TOTAL SUSP. SOLIDS	MG/L	90	3	97	NOT RUN	NOT RUN	1
	COD	MG/L	230	36	84	56000	9000	NOT RUN
	OIL & GREASE	MG/L	7	NOT RUN	-	3900	560	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	75	26	65	412	271	26
	TOTAL SOLIDS	MG/L	690	197	71	53850	8770	197
	TOTAL DISS. SOLIDS	MG/L	560	NOT RUN	-	25000	NOT RUN	129
	TOTAL VOLATILE SOLIDS	MG/L	180	45	75	26450	5623	45
	VOLATILE DISS. SOLIDS	MG/L	114	NOT RUN	-	7500	4860	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	50	3	94	NOT RUN	NOT RUN	1
	AMMONIA NITROGEN	MG/L	4	2	50	NOT RUN	6	NOT RUN
	TOC	MG/L	45	8	82	1200	4400	1
VOLATILES	BENZENE	UG/L	2	L 1	50	17	N-D	L 1
	1,1,1-TRICHLOROETHANE	UG/L	4	L 1	75	N-D	N-D	L 1
	CHLOROFORM	UG/L	1	1	-	N-D	N-D	11
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	705	27	L 1
	ETHYLBENZENE	UG/L	3	L 1	67	85	28	L 1
	METHYLENE CHLORIDE	UG/L	10	5	50	59	11	3
	BROMOFORM	UG/L	L 1	L 1	-	N-D	N-D	1
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	N-D	N-D	10
	CHLORODIBROMOMETHANE	UG/L	L 1	L 1	-	N-D	N-D	11
	TETRACHLOROETHYLENE	UG/L	210	14	93	N-D	13	L 1
	TOLUENE	UG/L	29	L 1	97	241	53	7
	TRICHLOROETHYLENE	UG/L	4	L 1	75	N-D	18	L 1
ACID EXTRACT	PHENOL	UG/L	L 1	L 1	-	170	N-D	L 1
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 4	L 4	-	N-D	250	L 4
	NAPHTHALENE	UG/L	L 3	L 3	-	N-D	110	L 3
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	54	6	89	9380	20000	6
	CHRYSENE	UG/L	L 5	L 5	-	N-D	250	L 5
	ANTHRACENE	UG/L	L 5	L 5	-	N-D	310	L 5
	PHENANTHRENE	UG/L	L 5	L 5	-	N-D	310	L 5
	PYRENE	UG/L	L 4	L 4	-	N-D	220	L 4
PESTICIDES	HEPTACHLOR	NG/L	380	L 20	95	N-D	N-D	L 20
METALS	ANTIMONY	UG/L	L 50	L 50	-	15	85	L 50
	ARSENIC	UG/L	L 50	L 50	-	44	500	L 50
	CADMIUM	UG/L	L 2	L 2	-	240	330	L 2
	CHROMIUM	UG/L	51	15	71	2100	5800	L 5
	COPPER	UG/L	89	6	93	4800	10000	L 2
	CYANIDE	UG/L	62	33	47	85800	1780	31
	LEAD	UG/L	L 50	L 50	-	2400	2700	L 50
	MERCURY	NG/L	200	L 200	-	23000	150000	L 200
	NICKEL	UG/L	22	L 10	55	L 140	470	L 10
	SELENIUM	UG/L	L 10	L 10	-	24	140	L 50
	SILVER	UG/L	L 5	L 5	-	430	530	L 5

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DAILY ANALYTICAL RESULTS

PLANT 26

SAMPLE DATE ENDING 80/05/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE		TAP WATER
METALS	ZINC	UG/L	410	123	70	11000	34000	L	20
NON-CONV. METALS	ALUMINUM	UG/L	1370	127	91	NOT RUN	NOT RUN		403
	BARIUM	UG/L	91	29	68	NOT RUN	NOT RUN		32
	CALCIUM	MG/L	67	61	9	NOT RUN	NOT RUN		27
	IRON	UG/L	2480	201	92	NOT RUN	NOT RUN	L	50
	MAGNESIUM	MG/L	16	14	13	NOT RUN	NOT RUN		6
	MANGANESE	UG/L	263	202	23	NOT RUN	NOT RUN	L	2
	SODIUM	MG/L	66	63	5	NOT RUN	NOT RUN		10

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N=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 26

SAMPLE DATE ENDING 80/05/15 0800 HOURS

FRACTION	PARAMETER	UNITS	FILTER FILTRATE	RECYCLE LINE	OTHER SOURCE
CONVENTIONALS	BOD	MG/L	1930	NOT RUN	2460
	TOTAL SUSP. SOLIDS	MG/L	1900	70	NOT RUN
	COD	MG/L	3400	72	2800
	OIL & GREASE	MG/L	2180	11	200
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	295	210	124
	TOTAL SOLIDS	MG/L	4210	836	4210
	TOTAL DISS. SOLIDS	MG/L	NOT RUN	743	580
	TOTAL VOLATILE SOLIDS	MG/L	2035	110	2030
	VOLATILE DISS. SOLIDS	MG/L	NOT RUN	81	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	700	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	96	15	9
	TOC	MG/L	800	19	110
VOLATILES	ACRYLONITRILE	UG/L	L 19	73	L 19
	BENZENE	UG/L	2	L 1	L 1
	CHLOROBENZENE	UG/L	7	L 1	L 1
	1,1,1-TRICHLOROETHANE	UG/L	1	L 1	L 1
	CHLOROFORM	UG/L	1	L 1	1
	1,2-TRANS-DICHLOROETHYLENE	UG/L	35	L 1	9
	ETHYLBENZENE	UG/L	53	L 1	3
	METHYLENE CHLORIDE	UG/L	L 3	L 3	3
	TETRACHLOROETHYLENE	UG/L	8	L 1	9
	TOLUENE	UG/L	47	L 1	4
	TRICHLOROETHYLENE	UG/L	21	L 1	17
ACID EXTRACT	2-NITROPHENOL	UG/L	L 3	5	L 3
	PHENOL	UG/L	1	82	170
BASE-NEUTRALS	NAPHTHALENE	UG/L	112	L 3	L 3
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	206	8	109
PESTICIDES	ALDRIN	NG/L	L 400	160	L 400
	HEPTACHLOR	NG/L	1600	L 20	1600
METALS	ARSENIC	UG/L	15	57	25
	CADMIUM	UG/L	40	17	59
	CHROMIUM	UG/L	523	95	679
	COPPER	UG/L	1000	521	1190
	CYANIDE	UG/L	596	517	2680
	LEAD	UG/L	772	173	1060
	MERCURY	NG/L	1900	200	2600
	NICKEL	UG/L	226	24	171
	SELENIUM	UG/L	17	45	L 10
	SILVER	UG/L	68	17	86
	ZINC	UG/L	3340	981	4980
NON-CONV. METALS	ALUMINUM	UG/L	19700	5960	29600
	BARIUM	UG/L	854	176	1200
	CALCIUM	MG/L	483	82	177

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DAILY ANALYTICAL RESULTS

PLANT 26

SAMPLE DATE ENDING 80/05/15 0800 HOURS

FRACTION	PARAMETER	UNITS	FILTER FILTRATE	RECYCLE LINE	OTHER SOURCE
NON-CONV. METALS	IRON	UG/L	38600	4980	57400
	MAGNESIUM	MG/L	18	16	25
	MANGANESE	UG/L	1450	295	2210
	SODIUM	MG/L	71	105	63

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DAILY ANALYTICAL RESULTS

PLANT 26

SAMPLE DATE ENDING 80/05/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	100	19	81	20400	8100	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	95	7	93	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	210	22	90	45000	10000	NOT RUN
	OIL & GREASE	MG/L	18	11	39	3150	440	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	57	26	54	1395	370	NOT RUN
	TOTAL SOLIDS	MG/L	710	590	17	50830	9380	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	588	585	1	23300	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	180	96	47	26740	5884	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	140	127	9	3330	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	60	5	92	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	4	3	25	96	0	NOT RUN
	TOC	MG/L	45	7	84	4900	2050	NOT RUN
VOLATILES	BENZENE	UG/L	1	L 1	-	9	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	4	1	75	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	2	1	50	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 1	67	2190	241	NOT RUN
	ETHYLBENZENE	UG/L	5	L 1	80	58	17	NOT RUN
	METHYLENE CHLORIDE	UG/L	4	5	-	173	17	NOT RUN
	DICHLORODIFLUOROMETHANE	UG/L	L 20	L 20	-	N-D	29	NOT RUN
	TETRACHLOROETHYLENE	UG/L	110	80	27	N-D	4	NOT RUN
	TOLUENE	UG/L	15	L 1	93	225	6	NOT RUN
	TRICHLOROETHYLENE	UG/L	8	1	88	N-D	19	NOT RUN
ACID EXTRACT	PHENOL	UG/L	1	L 1	-	880	140	NOT RUN
BASE-NEUTRALS	HEXACHLOROBENZENE	UG/L	L 10	L 10	-	120	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	268	N-D	NOT RUN
	NAPHTHALENE	UG/L	L 3	L 3	-	930	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	58	38	34	11000	4200	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	600	N-D	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	380	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	380	N-D	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	230	N-D	NOT RUN
PESTICIDES	HEPTACHLOR	NG/L	230	30	87	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	380	L 60	84	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	55	17	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	210	47	NOT RUN
	CADMIUM	UG/L	5	L 2	60	400	170	NOT RUN
	CHROMIUM	UG/L	49	9	82	8000	1700	NOT RUN
	COPPER	UG/L	92	10	89	17000	5300	NOT RUN
	CYANIDE	UG/L	55	38	31	68200	1950	NOT RUN
	LEAD	UG/L	L 50	L 50	-	13000	7600	NOT RUN
	MERCURY	NG/L	400	L 200	50	120000	35000	NOT RUN
	NICKEL	UG/L	27	12	56	1100	240	NOT RUN
	SELENIUM	UG/L	L 10	L 10	-	82	43	NOT RUN
	SILVER	UG/L	7	L 5	29	1200	490	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 26

SAMPLE DATE ENDING 80/05/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	ZINC	UG/L	473	163	66	71000	15000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1530	192	87	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	110	34	69	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	72	71	1	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	3120	270	91	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	16	16	-	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	298	230	23	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	66	67	-	NOT RUN	NOT RUN	NOT RUN

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B D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 26

SAMPLE DATE ENDING 80/05/16 0800 HOURS

FRACTION	PARAMETER	UNITS	FILTER FILTRATE	RECYCLE LINE	OTHER SOURCE
CONVENTIONALS	BOD	MG/L	1130	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	2300	NOT RUN	NOT RUN
	COD	MG/L	2840	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	150	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	411	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	2980	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	1470	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	65	NOT RUN	NOT RUN
	TOC	MG/L	600	NOT RUN	NOT RUN
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	2	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	1	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	23	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	21	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	3	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	57	NOT RUN	NOT RUN
	TOLUENE	UG/L	24	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	19	NOT RUN	NOT RUN
ACID EXTRACT	PHENOL	UG/L	7	NOT RUN	NOT RUN
BASE-NEUTRALS	2-CHLORONAPHTHALENE	UG/L	3	NOT RUN	NOT RUN
	NAPHTHALENE	UG/L	12	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	112	NOT RUN	NOT RUN
PESTICIDES	HEPTACHLOR	NG/L	2200	NOT RUN	NOT RUN
	HEPTACHLOR EPOXIDE	NG/L	1100	NOT RUN	NOT RUN
METALS	ARSENIC	UG/L	28	NOT RUN	NOT RUN
	CADMIUM	UG/L	45	NOT RUN	NOT RUN
	CHROMIUM	UG/L	595	NOT RUN	NOT RUN
	COPPER	UG/L	1210	NOT RUN	NOT RUN
	CYANIDE	UG/L	726	NOT RUN	NOT RUN
	LEAD	UG/L	730	NOT RUN	NOT RUN
	MERCURY	NG/L	2400	NOT RUN	NOT RUN
	NICKEL	UG/L	173	NOT RUN	NOT RUN
	SILVER	UG/L	82	NOT RUN	NOT RUN
	ZINC	UG/L	4010	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	21300	NOT RUN	NOT RUN
	BARIUM	UG/L	998	NOT RUN	NOT RUN
	CALCIUM	MG/L	257	NOT RUN	NOT RUN
	IRON	UG/L	39900	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	24	NOT RUN	NOT RUN
	MANGANESE	UG/L	1500	NOT RUN	NOT RUN
	SODIUM	MG/L	75	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
U.D. NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 26

SAMPLE DATE ENDING 80/05/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	90	14	84	14100	4500	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	120	6	95	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	340	52	85	130000	9000	NOT RUN
	OIL & GREASE	MG/L	18	7	61	4450	400	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	106	45	58	370	187	NOT RUN
	TOTAL SOLIDS	MG/L	730	604	17	37800	8583	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	580	583	-	20000	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	190	137	28	20700	5460	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	120	108	10	2220	3890	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	80	5	94	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	5	3	40	74	7	NOT RUN
	TOC	MG/L	55	8	85	4100	1750	NOT RUN
VOLATILES	BENZENE	UG/L	1	L 1	-	9	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	5	L 1	80	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	L 1	1	-	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	1330	32	NOT RUN
	ETHYLBENZENE	UG/L	6	L 1	83	121	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	5	3	40	96	15	NOT RUN
	TETRACHLOROETHYLENE	UG/L	31	9	71	N-D	4	NOT RUN
	TOLUENE	UG/L	33	L 1	97	254	7	NOT RUN
	TRICHLOROETHYLENE	UG/L	4	L 1	75	N-D	18	NOT RUN
ACID EXTRACT	PHENOL	UG/L	L 1	L 1	-	N-D	140	NOT RUN
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 4	L 4	-	240	N-D	NOT RUN
	NAPHTHALENE	UG/L	L 3	L 3	-	360	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	204	7	97	18000	12000	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	220	N-D	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	410	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	410	N-D	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	200	N-D	NOT RUN
PESTICIDES	HEPTACHLOR	NG/L	230	130	43	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	380	190	50	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	140	13	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	170	42	NOT RUN
	CADMIUM	UG/L	5	L 2	60	190	180	NOT RUN
	CHROMIUM	UG/L	58	14	76	10000	3800	NOT RUN
	COPPER	UG/L	132	10	92	16000	5500	NOT RUN
	CYANIDE	UG/L	112	42	63	86100	1480	NOT RUN
	LEAD	UG/L	L 50	L 50	-	12000	2400	NOT RUN
	MERCURY	NG/L	300	L 200	33	98000	37000	NOT RUN
	NICKEL	UG/L	29	11	62	2000	320	NOT RUN
	SELENIUM	UG/L	L 10	L 50	-	88	30	NOT RUN
	SILVER	UG/L	8	L 5	38	1300	460	NOT RUN
	ZINC	UG/L	443	184	58	70000	13000	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/17
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 26

SAMPLE DATE ENDING 80/05/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
NON-CONV. METALS	ALUMINUM	UG/L	1530	189	88	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	102	35	66	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	69	69	-	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	2980	283	91	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	16	16	-	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	283	244	14	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	63	66	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/17
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 24

SAMPLE DATE ENDING 80/05/17 0800 HOURS

FRACTION	PARAMETER	UNITS	FILTER FILTRATE	RECYCLE LINE	OTHER SOURCE
CONVENTIONALS	BOD	MG/L	1170	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	1700	NOT RUN	NOT RUN
	COD	MG/L	3400	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	280	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	173	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	3310	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	1730	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	890	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	950	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	75	NOT RUN	NOT RUN
	TOC	MG/L	900	NOT RUN	NOT RUN
VOLATILES	CHLOROBENZENE	UG/L	1	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	2	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	2	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	23	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	22	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	48	NOT RUN	NOT RUN
	TOLUENE	UG/L	22	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	29	NOT RUN	NOT RUN
ACID EXTRACT	PHENOL	UG/L	73	NOT RUN	NOT RUN
BASE-NEUTRALS	NAPHTHALENE	UG/L	6	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	25	NOT RUN	NOT RUN
PESTICIDES	ALDRIN	MG/L	180	NOT RUN	NOT RUN
	HEPTACHLOR	MG/L	440	NOT RUN	NOT RUN
	GAMMA-BHC	MG/L	190	NOT RUN	NOT RUN
METALS	ARSENIC	UG/L	27	NOT RUN	NOT RUN
	CADMIUM	UG/L	47	NOT RUN	NOT RUN
	CHROMIUM	UG/L	655	NOT RUN	NOT RUN
	COPPER	UG/L	1170	NOT RUN	NOT RUN
	CYANIDE	UG/L	941	NOT RUN	NOT RUN
	LEAD	UG/L	589	NOT RUN	NOT RUN
	MERCURY	MG/L	2300	NOT RUN	NOT RUN
	NICKEL	UG/L	212	NOT RUN	NOT RUN
	SELENIUM	UG/L	16	NOT RUN	NOT RUN
	SILVER	UG/L	90	NOT RUN	NOT RUN
	ZINC	UG/L	4190	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	18900	NOT RUN	NOT RUN
	BARIUM	UG/L	952	NOT RUN	NOT RUN
	CALCIUM	MG/L	199	NOT RUN	NOT RUN
	IRON	UG/L	39300	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	28	NOT RUN	NOT RUN
	MANGANESE	UG/L	1480	NOT RUN	NOT RUN
	SODIUM	MG/L	72	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/17
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 26

SAMPLE DATE ENDING 80/05/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	110	23	79	34300	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	115	9	92	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	260	32	88	50000	9600	NOT RUN
	OIL & GREASE	MG/L	13	4	69	2200	300	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	69	161	-	763	75	NOT RUN
	TOTAL SOLIDS	MG/L	650	564	13	41500	8320	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	450	556	-	20600	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	190	100	47	25550	5390	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	108	105	3	5000	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	65	8	88	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	4	2	50	56	7	NOT RUN
	TOC	MG/L	47	NOT RUN	-	5200	1900	NOT RUN
VOLATILES	BENZENE	UG/L	1	L 1	-	6	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	5	L 1	80	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	1	1	-	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	369	5	NOT RUN
	ETHYLBENZENE	UG/L	5	L 1	80	63	17	NOT RUN
	METHYLENE CHLORIDE	UG/L	2	2	-	108	1	NOT RUN
	TETRACHLOROETHYLENE	UG/L	30	3	90	72	3	NOT RUN
	TOLUENE	UG/L	10	L 1	90	16	6	NOT RUN
	TRICHLOROETHYLENE	UG/L	6	L 1	83	N-D	12	NOT RUN
BASE-NEUTRALS	HEXACHLOROBENZENE	UG/L	L 10	L 10	-	100	N-D	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	38	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	41	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	70	N-D	NOT RUN
	NAPHTHALENE	UG/L	L 3	L 3	-	906	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	59	59	-	8700	2900	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	220	N-D	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	150	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	150	N-D	NOT RUN
PESTICIDES	HEPTACHLOR	NG/L	220	L 20	91	N-D	N-D	NOT RUN
	GAMMA-BHC	NG/L	110	L 10	91	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	65	11	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	160	35	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	330	170	NOT RUN
	CHROMIUM	UG/L	28	11	61	7000	2900	NOT RUN
	COPPER	UG/L	115	19	83	15000	5900	NOT RUN
	CYANIDE	UG/L	72	41	43	60100	2380	NOT RUN
	LEAD	UG/L	L 50	L 50	-	11000	2300	NOT RUN
	MERCURY	NG/L	L 200	L 200	-	350000	37000	NOT RUN
	NICKEL	UG/L	20	15	25	770	180	NOT RUN
	SELENIUM	UG/L	L 50	L 10	-	100	26	NOT RUN
	SILVER	UG/L	L 5	L 5	-	1500	380	NOT RUN
	ZINC	UG/L	237	133	44	347000	15000	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 24

SAMPLE DATE ENDING 80/05/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
NON-CONV. METALS	ALUMINUM	UG/L	1520	234	85	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	93	33	65	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	68	68	-	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	2160	323	85	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	15	16	-	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	265	231	13	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	59	62	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 24

SAMPLE DATE ENDING 80/05/18 0800 HOURS

FRACTION	PARAMETER	UNITS	FILTER FILTRATE	RECYCLE LINE	OTHER SOURCE
CONVENTIONALS	BOD	MG/L	3000	NOT RUN	NOT RUN
	COD	MG/L	6400	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	200	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	80	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	6440	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	3840	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	440	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	3600	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	70	NOT RUN	NOT RUN
	TOC	MG/L	760	NOT RUN	NOT RUN
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	1	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	1	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	10	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	10	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	17	NOT RUN	NOT RUN
	TOLUENE	UG/L	22	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	10	NOT RUN	NOT RUN
ACID EXTRACT	PHENOL	UG/L	48	NOT RUN	NOT RUN
BASE-NEUTRALS	NAPHTHALENE	UG/L	8	NOT RUN	NOT RUN
PESTICIDES	HEPTACHLOR	NG/L	2800	NOT RUN	NOT RUN
METALS	ARSENIC	UG/L	40	NOT RUN	NOT RUN
	BERYLLIUM	UG/L	3	NOT RUN	NOT RUN
	CADMIUM	UG/L	107	NOT RUN	NOT RUN
	CHROMIUM	UG/L	1360	NOT RUN	NOT RUN
	COPPER	UG/L	2770	NOT RUN	NOT RUN
	CYANIDE	UG/L	976	NOT RUN	NOT RUN
	LEAD	UG/L	1220	NOT RUN	NOT RUN
	MERCURY	NG/L	3200	NOT RUN	NOT RUN
	NICKEL	UG/L	275	NOT RUN	NOT RUN
	SELENIUM	UG/L	26	NOT RUN	NOT RUN
	SILVER	UG/L	200	NOT RUN	NOT RUN
	ZINC	UG/L	9680	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	44800	NOT RUN	NOT RUN
	BARIUM	UG/L	2270	NOT RUN	NOT RUN
	CALCIUM	MG/L	277	NOT RUN	NOT RUN
	IRON	UG/L	76900	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	34	NOT RUN	NOT RUN
	MANGANESE	UG/L	2360	NOT RUN	NOT RUN
	SODIUM	MG/L	73	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D-NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 27
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/05/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	145	12	92	3120	3093	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	200	11	94	5480	6730	NOT RUN
	COD	MG/L	372	53	86	7431	7018	NOT RUN
	OIL & GREASE	MG/L	38	L 1	97	3116	1192	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	44	4	91	100	40	NOT RUN
	TOTAL SOLIDS	MG/L	534	382	28	6495	6910	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	334	371	-	655	180	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	228	101	56	4539	5048	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	66	93	-	329	172	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	162	8	95	4210	5220	NOT RUN
	AMMONIA NITROGEN	MG/L	30	23	23	105	140	NOT RUN
	TOC	MG/L	96	20	79	1625	2250	NOT RUN
VOLATILES	BENZENE	UG/L	L 1	L 1	-	10	4	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	12	N-D	NOT RUN
	CHLOROFORM	UG/L	1	1	-	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	77	3	NOT RUN
	ETHYLBENZENE	UG/L	L 1	L 1	-	612	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	4	4	-	66	1	NOT RUN
	TETRACHLOROETHYLENE	UG/L	2	2	-	N-D	N-D	NOT RUN
	TOLUENE	UG/L	L 1	L 1	-	4700	7000	NOT RUN
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	4	L 2	50	N-D	N-D	NOT RUN
	PHENOL	UG/L	L 1	L 1	-	91	80	NOT RUN
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 4	L 4	-	25	2	NOT RUN
	NAPHTHALENE	UG/L	5	L 3	40	16	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	28	13	54	26	5537	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	6	L 3	50	71	35	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	13	L 4	69	18	31	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	5	38	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	L 5	-	N-D	N-D	NOT RUN
	DIMETHYL PHTHALATE	UG/L	L 5	L 5	-	N-D	5	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	72	11	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	72	11	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	23	8	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	33	32	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 6	18	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	55	98	NOT RUN
	CHROMIUM	UG/L	188	22	88	5100	5500	NOT RUN
	COPPER	UG/L	317	18	94	6400	14000	NOT RUN
	CYANIDE	UG/L	35	13	63	1275	1000	NOT RUN
	LEAD	UG/L	L 50	L 50	-	1800	1700	NOT RUN
	MERCURY	NG/L	500	L 200	60	21000	36000	NOT RUN
	NICKEL	UG/L	65	49	25	1200	1400	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	16	23	NOT RUN
	SILVER	UG/L	7	L 5	29	210	260	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 27
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/05/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	ZINC	UG/L	194	28	86	6500	820	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	840	33	96	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	345	44	87	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	30	28	7	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	2930	297	90	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	9	8	11	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	137	112	18	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	50	54	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D.=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 27
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/05/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	163	10	94	6040	3152	2
	TOTAL SUSP. SOLIDS	MG/L	174	8	95	12950	5650	3
	COD	MG/L	355	52	85	22269	6194	5
	OIL & GREASE	MG/L	19	3	84	7688	552	L 1
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	40	L 1	97	100	40	2
	TOTAL SOLIDS	MG/L	561	332	41	16530	6475	140
	TOTAL DISS. SOLIDS	MG/L	387	324	16	3580	825	137
	TOTAL VOLATILE SOLIDS	MG/L	284	139	51	12739	4721	45
	VOLATILE DISS. SOLIDS	MG/L	152	131	14	3129	281	42
	TOTAL VOL. SUS. SOLIDS	MG/L	132	8	94	9610	4440	3
	AMMONIA NITROGEN	MG/L	15	17	-	100	83	N-D
	TOC	MG/L	98	18	82	4938	2375	1
VOLATILES	BENZENE	UG/L	2	L 1	50	12	2	L 1
	1,1,1-TRICHLOROETHANE	UG/L	13	L 1	92	N-D	N-D	L 1
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	13	N-D	L 1
	CHLOROFORM	UG/L	5	1	80	N-D	N-D	17
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	244	5	L 1
	ETHYLBENZENE	UG/L	120	L 1	99	680	N-D	L 1
	METHYLENE CHLORIDE	UG/L	9	7	22	30	N-D	L 3
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	N-D	N-D	11
	CHLORODIBROMOMETHANE	UG/L	L 1	L 1	-	N-D	N-D	2
	TETRACHLOROETHYLENE	UG/L	29	3	90	9	1	L 1
	TOLUENE	UG/L	81	L 1	99	5390	2160	L 1
	TRICHLOROETHYLENE	UG/L	32	L 1	97	23	N-D	L 1
ACID EXTRACT	PHENOL	UG/L	L 1	L 1	-	43	108	L 1
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	58	N-D	L 5
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	125	N-D	L 5
	FLUORANTHENE	UG/L	L 4	L 4	-	43	2	L 4
	NAPHTHALENE	UG/L	L 3	L 3	-	719	N-D	L 3
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	24	20	17	341	227	9
	BUTYL BENZYL PHTHALATE	UG/L	9	L 3	67	650	N-D	L 3
	DI-N-BUTYL PHTHALATE	UG/L	9	L 4	56	321	N-D	L 4
	DIMETHYL PHTHALATE	UG/L	L 5	L 5	-	N-D	5	L 5
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	68	18	L 5
	BENZO (A)PYRENE	UG/L	L 5	L 5	-	4	N-D	L 5
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	4	N-D	L 5
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	9	N-D	L 5
	CHRYSENE	UG/L	L 5	L 5	-	68	18	L 5
	ANTHRACENE	UG/L	L 5	L 5	-	1445	6	L 5
	FLUORENE	UG/L	L 5	L 5	-	690	N-D	L 5
	PHENANTHRENE	UG/L	L 5	L 5	-	1445	6	L 5
	PYRENE	UG/L	L 4	L 4	-	241	6	L 4
METALS	ANTIMONY	UG/L	L 50	L 50	-	260	120	L 50
	ARSENIC	UG/L	L 50	L 50	-	26	18	L 50

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/22
(L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
[illegible] = NOT [illegible])

DAILY ANALYTICAL RESULTS

PLANT 27
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 00/05/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	CADMIUM	UG/L	L 2	L 2	-	54	54	L 2
	CHROMIUM	UG/L	147	23	84	7500	1600	L 5
	COPPER	UG/L	329	19	94	4400	8800	L 2
	CYANIDE	UG/L	29	5	83	2000	980	M-D
	LEAD	UG/L	L 50	L 50	-	2200	1300	L 50
	MERCURY	NG/L	600	L 200	67	69000	64000	L 200
	NICKEL	UG/L	46	32	30	890	620	L 10
	SELENIUM	UG/L	10	L 50	-	37	37	L 50
	SILVER	UG/L	6	L 5	17	190	230	L 5
	ZINC	UG/L	644	75	88	13000	9200	L 20
NON-CONV. METALS	ALUMINUM	UG/L	985	41	96	NOT RUN	NOT RUN	50
	BARIUM	UG/L	330	51	85	NOT RUN	NOT RUN	20
	CALCIUM	MG/L	32	28	13	NOT RUN	NOT RUN	22
	IRON	UG/L	2510	393	84	NOT RUN	NOT RUN	L 50
	MAGNESIUM	MG/L	9	8	11	NOT RUN	NOT RUN	5
	MANGANESE	UG/L	136	116	15	NOT RUN	NOT RUN	4
	SODIUM	MG/L	48	49	-	NOT RUN	NOT RUN	6

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 00/05/22
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
M D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 27
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/05/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	190	17	91	5216	2896	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	192	15	92	12150	5960	NOT RUN
	COD	MG/L	407	176	57	15339	6237	NOT RUN
	OIL & GREASE	MG/L	68	5	93	2472	3188	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	56	7	88	190	40	NOT RUN
	TOTAL SOLIDS	MG/L	624	344	45	13230	6570	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	432	329	24	1080	610	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	293	81	72	9493	4749	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	125	67	46	833	159	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	168	14	92	8660	4590	NOT RUN
	AMMONIA NITROGEN	MG/L	18	16	11	100	88	NOT RUN
	TOC	MG/L	123	15	88	2975	2175	NOT RUN
VOLATILES	BENZENE	UG/L	2	L 1	50	9	2	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	36	1	97	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	10	N-D	NOT RUN
	CHLOROFORM	UG/L	5	1	80	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	118	4	NOT RUN
	ETHYLBENZENE	UG/L	130	L 1	99	823	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	7	6	14	22	7	NOT RUN
	TRICHLOROFLUOROMETHANE	UG/L	6	L 1	83	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	18	2	89	N-D	N-D	NOT RUN
	TOLUENE	UG/L	105	L 1	99	6410	3960	NOT RUN
	TRICHLOROETHYLENE	UG/L	7	L 1	86	N-D	N-D	NOT RUN
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	4	L 2	50	N-D	N-D	NOT RUN
	PHENOL	UG/L	L 1	L 1	-	75	202	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	16	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	25	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	55	N-D	NOT RUN
	NAPHTHALENE	UG/L	5	L 3	40	122	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	50	L 3	94	134	N-D	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	28	L 3	89	210	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	85	N-D	NOT RUN
	DIMETHYL PHTHALATE	UG/L	6	L 5	17	N-D	N-D	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	9	N-D	NOT RUN
	BENZO (A)PYRENE	UG/L	L 5	L 5	-	1	N-D	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	2	N-D	NOT RUN
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	2	N-D	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	9	N-D	NOT RUN
	ANTHRACENE	UG/L	7	L 5	29	190	N-D	NOT RUN
	FLUORENE	UG/L	L 5	L 5	-	72	N-D	NOT RUN
	PHENANTHRENE	UG/L	7	L 5	29	190	N-D	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	38	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	210	100	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	37	19	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/23
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 27
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/05/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	CADMIUM	UG/L	L 2	L 2	-	85	52	NOT RUN
	CHROMIUM	UG/L	159	15	91	7200	6600	NOT RUN
	COPPER	UG/L	236	11	95	5800	12000	NOT RUN
	CYANIDE	UG/L	29	5	83	2000	780	NOT RUN
	LEAD	UG/L	L 50	L 50	-	2700	1200	NOT RUN
	MERCURY	NG/L	500	L 200	60	64000	55000	NOT RUN
	NICKEL	UG/L	59	46	22	1200	780	NOT RUN
	SELENIUM	UG/L	L 50	10	-	34	43	NOT RUN
	SILVER	UG/L	8	L 5	38	460	240	NOT RUN
	ZINC	UG/L	224	59	74	16000	13000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	812	32	96	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	448	61	86	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	33	30	9	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	3200	287	91	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	9	8	11	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	149	122	18	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	57	55	4	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/23
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 27
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/05/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	207	24	88	4560	3340	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	182	12	93	9090	6590	NOT RUN
	COD	MG/L	404	55	86	11052	6318	NOT RUN
	OIL & GREASE	MG/L	119	2	98	3180	2952	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	46	6	87	145	45	NOT RUN
	TOTAL SOLIDS	MG/L	742	417	44	10630	6940	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	560	405	28	1540	350	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	356	103	71	7436	5104	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	2	91	-	1206	134	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	144	12	92	6230	4970	NOT RUN
	AMMONIA NITROGEN	MG/L	12	18	-	145	103	NOT RUN
	TOC	MG/L	124	19	85	2725	2275	NOT RUN
VOLATILES	BENZENE	UG/L	2	L 1	50	6	4	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	18	L 1	94	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	7	2	71	N-D	N-D	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	L 1	L 1	-	17	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	N-D	9	NOT RUN
	ETHYLBENZENE	UG/L	190	L 1	99	545	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	6	10	-	26	1	NOT RUN
	TETRACHLOROETHYLENE	UG/L	19	4	79	N-D	N-D	NOT RUN
	TOLUENE	UG/L	84	L 1	99	3790	3890	NOT RUN
	TRICHLOROETHYLENE	UG/L	110	L 1	99	N-D	N-D	NOT RUN
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	2	L 2	-	N-D	N-D	NOT RUN
	PHENOL	UG/L	L 1	L 1	-	46	99	NOT RUN
BASE-NEUTRALS	HEXACHLOROETHANE	UG/L	12	L 5	58	N-D	N-D	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	6	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	16	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	52	1	NOT RUN
	ISOPHORONE	UG/L	23	L 10	57	N-D	N-D	NOT RUN
	NAPHTHALENE	UG/L	14	L 3	79	104	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	53	5	91	316	62	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	23	L 3	87	202	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	15	L 4	73	69	N-D	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	13	N-D	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	3	N-D	NOT RUN
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	3	N-D	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	13	N-D	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	144	8	NOT RUN
	FLUORENE	UG/L	L 5	L 5	-	44	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	144	8	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	40	6	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	170	100	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	33	25	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	35	85	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/24
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 27
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/05/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	CHROMIUM	UG/L	146	13	91	7000	6700	NOT RUN
	COPPER	UG/L	286	18	94	11000	10000	NOT RUN
	CYANIDE	UG/L	29	7	76	75	980	NOT RUN
	LEAD	UG/L	L 50	L 50	-	1900	1500	NOT RUN
	MERCURY	NG/L	600	L 200	67	46000	48000	NOT RUN
	NICKEL	UG/L	112	42	63	1700	920	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	37	41	NOT RUN
	SILVER	UG/L	9	L 5	44	290	240	NOT RUN
	ZINC	UG/L	894	47	95	16000	12000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1000	42	96	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	461	68	85	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	33	29	12	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	3900	311	92	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	9	8	11	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	153	113	26	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	60	59	2	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/24
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 27
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/05/25 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	148	17	89	3872	2864	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	184	9	95	7940	6640	NOT RUN
	COD	MG/L	338	47	86	8505	6620	NOT RUN
	OIL & GREASE	MG/L	43	7	84	2068	784	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	24	14	42	165	22	NOT RUN
	TOTAL SOLIDS	MG/L	543	360	34	8460	6830	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	359	359	-	520	190	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	256	89	65	5927	4964	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	114	80	30	197	46	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	142	9	94	5730	5010	NOT RUN
	AMMONIA NITROGEN	MG/L	24	24	-	169	86	NOT RUN
	TOC	MG/L	91	21	77	2500	2250	NOT RUN
VOLATILES	BENZENE	UG/L	1	L 1	-	9	1	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	3	L 1	67	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	9	N-D	NOT RUN
	CHLOROFORM	UG/L	4	1	75	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	78	1	NOT RUN
	ETHYLBENZENE	UG/L	43	L 1	98	518	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	6	3	50	17	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	11	1	91	N-D	N-D	NOT RUN
	TOLUENE	UG/L	16	L 1	94	6370	3120	NOT RUN
	TRICHLOROETHYLENE	UG/L	4	L 1	75	N-D	N-D	NOT RUN
ACID EXTRACT	PHENOL	UG/L	L 1	L 1	-	66	126	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	3	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	9	N-D	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	32	1	NOT RUN
	NAPHTHALENE	UG/L	3	L 3	-	44	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	46	L 3	93	201	N-D	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	14	L 3	79	81	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	45	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	6	L 5	17	N-D	N-D	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	5	7	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	N-D	2	NOT RUN
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	N-D	2	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	5	7	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	63	2	NOT RUN
	FLUORENE	UG/L	L 5	L 5	-	22	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	63	2	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	28	5	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	94	74	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	23	9	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	52	80	NOT RUN
	CHROMIUM	UG/L	77	11	86	4300	3200	NOT RUN
	COPPER	UG/L	171	11	94	6900	10000	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/25
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 27
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/05/25 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	CYANIDE	UG/L	20	5	75	1675	690	NOT RUN
	LEAD	UG/L	L 50	L 50	-	1600	1100	NOT RUN
	MERCURY	NG/L	800	300	63	39000	44000	NOT RUN
	NICKEL	UG/L	16	39	-	670	680	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	33	20	NOT RUN
	SILVER	UG/L	L 5	L 5	-	200	180	NOT RUN
	ZINC	UG/L	236	71	70	12000	7900	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1140	42	96	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	225	68	70	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	32	30	6	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	2050	326	84	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	9	8	11	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	123	109	11	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	48	54	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/25
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 27
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/05/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	185	8	96	3867	2320	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	181	8	96	10660	5630	NOT RUN
	COD	MG/L	310	26	92	11207	5793	NOT RUN
	OIL & GREASE	MG/L	47	5	89	2548	604	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	24	16	33	100	20	NOT RUN
	TOTAL SOLIDS	MG/L	538	300	44	10970	6350	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	357	296	17	310	720	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	246	51	79	7926	4563	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	95	43	55	86	223	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	151	8	95	7840	4340	NOT RUN
	AMMONIA NITROGEN	MG/L	18	22	-	128	66	NOT RUN
	TOC	MG/L	88	15	83	2750	2250	NOT RUN
VOLATILES	BENZENE	UG/L	2	L 1	50	3	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	4	L 1	75	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	6	N-D	NOT RUN
	CHLOROFORM	UG/L	3	1	67	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	22	N-D	NOT RUN
	ETHYLBENZENE	UG/L	16	L 1	94	100	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	4	3	25	11	1	NOT RUN
	TETRACHLOROETHYLENE	UG/L	4	L 1	75	N-D	N-D	NOT RUN
	TOLUENE	UG/L	14	L 1	93	4570	2830	NOT RUN
	TRICHLOROETHYLENE	UG/L	3	L 1	67	N-D	N-D	NOT RUN
ACID EXTRACT	PHENOL	UG/L	L 1	L 1	-	62	57	NOT RUN
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 4	L 4	-	30	1	NOT RUN
	NAPHTHALENE	UG/L	L 3	L 3	-	20	3	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	24	L 3	88	305	313	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	8	L 3	63	115	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	8	L 4	50	42	N-D	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	8	N-D	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	6	5	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	N-D	1	NOT RUN
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	N-D	1	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	6	5	NOT RUN
	ANTHRACENE	UG/L	L 5	L 5	-	82	2	NOT RUN
	FLUORENE	UG/L	L 5	L 5	-	22	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	82	2	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	27	4	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	130	92	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	24	22	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	21	77	NOT RUN
	CHROMIUM	UG/L	33	12	64	5400	5800	NOT RUN
	COPPER	UG/L	109	14	87	8900	9700	NOT RUN
	CYANIDE	UG/L	25	7	72	1675	738	NOT RUN
	LEAD	UG/L	L 50	L 50	-	1800	1310	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/26
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 27
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/05/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE	TAP WATER
METALS	MERCURY	NG/L	700	L	200	71	60000	51000	NOT RUN
	NICKEL	UG/L	31		11	65	840	610	NOT RUN
	SELENIUM	UG/L	50	L	10	-	41	22	NOT RUN
	SILVER	UG/L	5	L	5	-	210	190	NOT RUN
	ZINC	UG/L	178		60	66	8200	13000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	642		41	94	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	89		62	30	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	33		28	15	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1520		203	87	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	10		8	20	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	122		93	24	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	42		44	-	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/26
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 27
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/05/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	145	44	70	3120	1120
	TOTAL SUSP. SOLIDS	MG/L	200	41	79	5480	2460
	COD	MG/L	372	144	61	7431	3105
	OIL & GREASE	MG/L	38	7	82	3116	775
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	44	12	73	100	80
	TOTAL SOLIDS	MG/L	534	438	18	6495	2925
	TOTAL DISS. SOLIDS	MG/L	334	397	-	655	465
	TOTAL VOLATILE SOLIDS	MG/L	228	143	37	4539	1721
	VOLATILE DISS. SOLIDS	MG/L	66	108	-	329	221
	TOTAL VOL. SUS. SOLIDS	MG/L	162	35	78	4210	1500
	AMMONIA NITROGEN	MG/L	30	30	-	105	160
	TOC	MG/L	96	48	50	1625	1062
VOLATILES	BENZENE	UG/L	L 1	L 1	-	10	N-D
	1,1,1-TRICHLOROETHANE	UG/L	L 1	3	-	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	12	N-D
	CHLOROFORM	UG/L	1	2	-	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	L 1	L 1	-	N-D	1
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	77	2
	ETHYLBENZENE	UG/L	L 1	15	-	612	N-D
	METHYLENE CHLORIDE	UG/L	4	5	-	66	7
	TETRACHLOROETHYLENE	UG/L	2	7	-	N-D	N-D
	TOLUENE	UG/L	L 1	12	-	4700	137
	TRICHLOROETHYLENE	UG/L	L 1	5	-	N-D	N-D
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	4	L 2	50	N-D	N-D
	PHENOL	UG/L	L 1	L 1	-	91	36
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 4	L 4	-	25	7
	NAPHTHALENE	UG/L	5	L 3	40	16	2
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	28	30	-	26	19
	BUTYL BENZYL PHTHALATE	UG/L	6	L 3	50	71	N-D
	DI-N-BUTYL PHTHALATE	UG/L	13	5	62	18	3
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	5	N-D
	DIETHYL PHTHALATE	UG/L	5	L 5	-	N-D	N-D
	DIMETHYL PHTHALATE	UG/L	L 5	L 5	-	N-D	3
	ANTHRACENE	UG/L	L 5	L 5	-	72	14
	PHENANTHRENE	UG/L	L 5	L 5	-	72	14
	PYRENE	UG/L	L 4	L 4	-	23	16
METALS	ANTIMONY	UG/L	L 50	L 50	-	33	72
	ARSENIC	UG/L	L 50	L 50	-	L 6	22
	CADMIUM	UG/L	L 2	L 2	-	55	69
	CHROMIUM	UG/L	188	111	41	5100	3500
	COPPER	UG/L	317	179	44	6400	8000
	CYANIDE	UG/L	35	22	37	1275	785
	LEAD	UG/L	L 50	L 50	-	1800	1200
	MERCURY	MG/L	500	500	-	21000	26000

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 27
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/05/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	NICKEL	UG/L	65	80	-	1200	1300
	SELENIUM	UG/L	L 50	L 50	-	16	12
	SILVER	UG/L	7	L 5	29	210	150
	ZINC	UG/L	194	166	14	6500	6600
NON-CONV. METALS	ALUMINUM	UG/L	840	409	51	NOT RUN	NOT RUN
	BARIUM	UG/L	345	112	68	NOT RUN	NOT RUN
	CALCIUM	MG/L	30	27	10	NOT RUN	NOT RUN
	IRON	UG/L	2930	1870	36	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	9	8	11	NOT RUN	NOT RUN
	MANGANESE	UG/L	137	121	12	NOT RUN	NOT RUN
	SODIUM	MG/L	50	52	-	NOT RUN	NOT RUN

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POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D-NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 27
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/05/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	163	36	78	6040	1160
	TOTAL SUSP. SOLIDS	MG/L	174	26	85	12950	1160
	COD	MG/L	355	119	66	22249	3712
	OIL & GREASE	MG/L	19	6	68	7688	488
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	40	14	65	100	20
	TOTAL SOLIDS	MG/L	561	406	28	16530	4110
	TOTAL DISS. SOLIDS	MG/L	387	380	2	3580	490
	TOTAL VOLATILE SOLIDS	MG/L	284	153	46	12739	2599
	VOLATILE DISS. SOLIDS	MG/L	152	130	14	3129	219
	TOTAL VOL. SUS. SOLIDS	MG/L	132	23	83	9610	2380
	AMMONIA NITROGEN	MG/L	15	15	-	100	83
	TOC	MG/L	98	42	57	4938	1500
VOLATILES	BENZENE	UG/L	2	L 1	50	12	1
	1,1,1-TRICHLOROETHANE	UG/L	13	2	85	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	13	N-D
	CHLOROFORM	UG/L	5	2	60	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	244	7
	ETHYLBENZENE	UG/L	120	4	97	680	9
	METHYLENE CHLORIDE	UG/L	9	6	33	30	N-D
	TETRACHLOROETHYLENE	UG/L	29	7	76	9	N-D
	TOLUENE	UG/L	81	4	95	5390	1380
	TRICHLOROETHYLENE	UG/L	32	2	94	23	N-D
ACID EXTRACT	PHENOL	UG/L	L 1	L 1	-	43	32
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	58	10
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	125	2
	FLUORANTHENE	UG/L	L 4	L 4	-	43	29
	NAPHTHALENE	UG/L	L 3	L 3	-	719	9
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	24	23	4	341	353
	BUTYL BENZYL PHTHALATE	UG/L	9	L 3	67	650	31
	DI-N-BUTYL PHTHALATE	UG/L	9	6	33	321	6
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	N-D	10
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	68	15
	BENZO (A)PYRENE	UG/L	L 5	L 5	-	4	N-D
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	4	2
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	9	2
	CHRYSENE	UG/L	L 5	L 5	-	68	15
	ANTHRACENE	UG/L	L 5	L 5	-	1445	42
	FLUORENE	UG/L	L 5	L 5	-	690	9
	PHENANTHRENE	UG/L	L 5	L 5	-	1445	42
	PYRENE	UG/L	L 4	L 4	-	241	40
METALS	ANTIMONY	UG/L	L 50	L 50	-	260	270
	ARSENIC	UG/L	L 50	L 50	-	26	25
	CADMIUM	UG/L	L 2	L 2	-	54	40
	CHROMIUM	UG/L	147	97	34	7500	5800

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/22
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 27
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/05/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	COPPER	UG/L	329	173	47	4400	8600
	CYANIDE	UG/L	29	17	41	2000	885
	LEAD	UG/L	L 50	L 50	-	2200	1100
	MERCURY	NG/L	600	400	33	69000	44000
	NICKEL	UG/L	46	62	-	890	890
	SELENIUM	UG/L	10	10	-	37	20
	SILVER	UG/L	6	L 5	17	190	210
	ZINC	UG/L	644	239	63	13000	11000
NON-CONV. METALS	ALUMINUM	UG/L	985	410	58	NOT RUN	NOT RUN
	BARIUM	UG/L	338	101	70	NOT RUN	NOT RUN
	CALCIUM	MG/L	32	30	6	NOT RUN	NOT RUN
	IRON	UG/L	2510	1650	34	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	9	9	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	136	128	6	NOT RUN	NOT RUN
	SODIUM	MG/L	48	50	-	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/22
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 27
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/05/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	190	53	72	5216	1420
	TOTAL SUSP. SOLIDS	MG/L	192	38	80	12150	6010
	COD	MG/L	407	140	66	15339	6732
	OIL & GREASE	MG/L	68	13	81	2472	1021
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	56	21	63	190	90
	TOTAL SOLIDS	MG/L	624	469	25	13230	6900
	TOTAL DISS. SOLIDS	MG/L	432	431	-	1080	890
	TOTAL VOLATILE SOLIDS	MG/L	293	131	55	9493	4349
	VOLATILE DISS. SOLIDS	MG/L	125	95	24	833	489
	TOTAL VOL. SUS. SOLIDS	MG/L	168	36	79	8660	3860
	AMMONIA NITROGEN	MG/L	18	21	-	100	84
	TOC	MG/L	123	50	59	2975	1875
VOLATILES	BENZENE	UG/L	2	L 1	50	9	N-D
	1,1,1-TRICHLOROETHANE	UG/L	36	6	83	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	10	N-D
	CHLOROFORM	UG/L	5	2	60	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	118	10
	ETHYLBENZENE	UG/L	130	19	85	823	11
	METHYLENE CHLORIDE	UG/L	7	6	14	22	1
	TRICHLOROFLUOROMETHANE	UG/L	6	L 1	83	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	18	9	50	N-D	N-D
	TOLUENE	UG/L	105	17	84	6410	1546
	TRICHLOROETHYLENE	UG/L	7	3	57	N-D	N-D
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	4	L 2	50	N-D	N-D
	PHENOL	UG/L	L 1	L 1	-	75	303
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	16	3
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	25	3
	FLUORANTHENE	UG/L	L 4	L 4	-	55	43
	NAPHTHALENE	UG/L	5	L 3	40	122	13
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	50	59	-	134	564
	BUTYL BENZYL PHTHALATE	UG/L	28	3	89	210	51
	DI-N-BUTYL PHTHALATE	UG/L	L 4	5	-	85	6
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	N-D	12
	DIMETHYL PHTHALATE	UG/L	6	L 5	17	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	9	24
	BENZO (A)PYRENE	UG/L	L 5	L 5	-	1	2
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	2	6
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	2	6
	CHRYSENE	UG/L	L 5	L 5	-	9	24
	ANTHRACENE	UG/L	7	L 5	29	190	34
	FLUORENE	UG/L	L 5	L 5	-	72	11
	PHENANTHRENE	UG/L	7	L 5	29	190	34
	PYRENE	UG/L	L 4	L 4	-	38	63
METALS	ANTIMONY	UG/L	L 50	L 50	-	210	290

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/23
(L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 27
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/05/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	ARSENIC	UG/L	L 50	L 50	-	37	29
	CADMIUM	UG/L	L 2	L 2	-	85	49
	CHROMIUM	UG/L	159	99	38	7200	3200
	COPPER	UG/L	236	155	34	5800	12000
	CYANIDE	UG/L	29	19	34	2000	800
	LEAD	UG/L	L 50	L 50	-	2700	2000
	MERCURY	MG/L	500	500	-	44000	58000
	NICKEL	UG/L	59	55	7	1200	840
	SELENIUM	UG/L	L 50	L 50	-	34	24
	SILVER	UG/L	8	L 5	38	460	360
	ZINC	UG/L	224	190	15	16000	13000
NON-CONV. METALS	ALUMINUM	UG/L	812	433	47	NOT RUN	NOT RUN
	BARIUM	UG/L	448	128	71	NOT RUN	NOT RUN
	CALCIUM	MG/L	33	30	9	NOT RUN	NOT RUN
	IRON	UG/L	3200	2170	32	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	9	9	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	147	146	2	NOT RUN	NOT RUN
	SODIUM	MG/L	57	58	-	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/23
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 27
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/05/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	207	58	72	4560	1856
	TOTAL SUSP. SOLIDS	MG/L	182	54	70	9090	3970
	COD	MG/L	404	159	61	11052	3563
	OIL & GREASE	MG/L	119	L 1	99	3180	1027
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	46	27	41	145	70
	TOTAL SOLIDS	MG/L	742	529	29	10630	4660
	TOTAL DISS. SOLIDS	MG/L	560	475	15	1540	690
	TOTAL VOLATILE SOLIDS	MG/L	356	184	48	7436	2844
	VOLATILE DISS. SOLIDS	MG/L	2	140	-	1206	374
	TOTAL VOL. SUS. SOLIDS	MG/L	144	44	69	6230	2470
	AMMONIA NITROGEN	MG/L	12	24	-	145	123
	TOC	MG/L	124	54	56	2725	1250
VOLATILES	BENZENE	UG/L	2	L 1	50	6	N-D
	1,1,1-TRICHLOROETHANE	UG/L	18	3	83	N-D	N-D
	CHLOROFORM	UG/L	7	3	57	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	L 1	L 1	-	17	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	N-D	10
	ETHYLBENZENE	UG/L	190	17	91	545	15
	METHYLENE CHLORIDE	UG/L	6	11	-	26	4
	TETRACHLOROETHYLENE	UG/L	19	14	26	N-D	N-D
	TOLUENE	UG/L	84	13	85	3790	924
	TRICHLOROETHYLENE	UG/L	110	2	98	N-D	N-D
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	2	L 2	-	N-D	N-D
	PHENOL	UG/L	L 1	L 1	-	46	85
BASE-NEUTRALS	HEXACHLOROETHANE	UG/L	12	L 5	58	N-D	N-D
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	6	N-D
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	16	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	52	15
	ISOPHORONE	UG/L	23	L 10	57	N-D	N-D
	NAPHTHALENE	UG/L	14	L 3	79	104	9
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	53	17	68	316	357
	BUTYL BENZYL PHTHALATE	UG/L	23	L 3	87	202	16
	DI-N-BUTYL PHTHALATE	UG/L	15	6	60	69	4
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	N-D	12
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	13	11
	BENZO (A)PYRENE	UG/L	L 5	L 5	-	N-D	5
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	3	5
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	3	5
	CHRYSENE	UG/L	L 5	L 5	-	13	11
	ANTHRACENE	UG/L	L 5	L 5	-	144	31
	FLUORENE	UG/L	L 5	L 5	-	44	6
	PHENANTHRENE	UG/L	L 5	L 5	-	144	31
	PYRENE	UG/L	L 4	L 4	-	40	22
METALS	ANTIMONY	UG/L	L 50	L 50	-	170	290

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/24
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 27
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/05/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	ARSENIC	UG/L	L 50	L 50	-	33	24
	CADMIUM	UG/L	L 2	L 2	-	35	49
	CHROMIUM	UG/L	146	111	24	7000	4400
	COPPER	UG/L	286	201	30	11000	9200
	CYANIDE	UG/L	29	25	14	75	885
	LEAD	UG/L	L 50	57	-	1900	1300
	MERCURY	NG/L	600	500	17	46000	48000
	NICKEL	UG/L	112	77	31	1700	690
	SELENIUM	UG/L	L 50	L 10	-	37	28
	SILVER	UG/L	9	L 5	44	290	230
	ZINC	UG/L	894	193	78	16000	9600
NON-CONV. METALS	ALUMINUM	UG/L	1000	489	51	NOT RUN	NOT RUN
	BARIUM	UG/L	461	145	69	NOT RUN	NOT RUN
	CALCIUM	MG/L	33	30	9	NOT RUN	NOT RUN
	IRON	UG/L	3900	2320	41	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	9	9	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	153	138	10	NOT RUN	NOT RUN
	SODIUM	MG/L	60	60	-	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/05/24
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DAILY ANALYTICAL RESULTS

PLANT 27
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/05/25 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	148	44	70	3872	2128
	TOTAL SUSP. SOLIDS	MG/L	184	32	83	7940	8500
	COD	MG/L	338	132	61	8505	8932
	OIL & GREASE	MG/L	43	23	47	2068	1121
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	24	24	-	165	40
	TOTAL SOLIDS	MG/L	543	443	18	8460	9630
	TOTAL DISS. SOLIDS	MG/L	359	411	-	520	1130
	TOTAL VOLATILE SOLIDS	MG/L	256	154	40	5927	6279
	VOLATILE DISS. SOLIDS	MG/L	114	126	-	197	789
	TOTAL VOL. SUS. SOLIDS	MG/L	142	28	80	5730	5490
	AMMONIA NITROGEN	MG/L	24	28	-	169	136
	TOC	MG/L	91	49	46	2500	2425
VOLATILES	BENZENE	UG/L	1	L 1	-	9	3
	1,1,1-TRICHLOROETHANE	UG/L	3	3	-	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	9	N-D
	CHLOROFORM	UG/L	4	2	50	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	78	10
	ETHYLBENZENE	UG/L	43	4	91	518	11
	METHYLENE CHLORIDE	UG/L	6	L 3	50	17	1
	TETRACHLOROETHYLENE	UG/L	11	8	27	N-D	N-D
	TOLUENE	UG/L	16	7	56	6370	2380
	TRICHLOROETHYLENE	UG/L	4	2	50	N-D	N-D
ACID EXTRACT	PHENOL	UG/L	L 1	L 1	-	68	176
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	3	N-D
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	9	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	32	34
	NAPHTHALENE	UG/L	3	L 3	-	44	10
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	46	15	67	201	257
	BUTYL BENZYL PHTHALATE	UG/L	14	L 3	79	81	24
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	45	10
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	N-D	7
	DIETHYL PHTHALATE	UG/L	6	L 5	17	N-D	1
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	5	1
	BENZO (A)PYRENE	UG/L	L 5	L 5	-	N-D	1
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	N-D	2
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	N-D	2
	CHRYSENE	UG/L	L 5	L 5	-	5	1
	ANTHRACENE	UG/L	L 5	L 5	-	63	37
	FLUORENE	UG/L	L 5	L 5	-	22	7
	PHENANTHRENE	UG/L	L 5	L 5	-	63	37
	PYRENE	UG/L	L 4	L 4	-	28	43
METALS	ANTIMONY	UG/L	L 50	L 50	-	94	530
	ARSENIC	UG/L	L 50	L 50	-	23	34
	CADMIUM	UG/L	L 2	L 2	-	52	74

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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 27
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/05/25 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	CHROMIUM	UG/L	77	89	-	4300	1100
	COPPER	UG/L	171	142	17	6900	15000
	CYANIDE	UG/L	20	17	15	1675	100
	LEAD	UG/L	L 50	L 50	-	1600	2700
	MERCURY	MG/L	800	400	50	39000	79000
	NICKEL	UG/L	16	53	-	670	1500
	SELENIUM	UG/L	L 50	L 50	-	33	19
	SILVER	UG/L	L 5	L 5	-	200	300
	ZINC	UG/L	236	272	-	12000	20000
NON-CONV. METALS	ALUMINUM	UG/L	1140	428	62	NOT RUN	NOT RUN
	BARIUM	UG/L	225	130	42	NOT RUN	NOT RUN
	CALCIUM	MG/L	32	30	6	NOT RUN	NOT RUN
	IRON	UG/L	2050	1990	3	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	9	9	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	123	134	-	NOT RUN	NOT RUN
	SODIUM	MG/L	48	52	-	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 27
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/05/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	185	27	85	3867	720
	TOTAL SUSP. SOLIDS	MG/L	181	27	85	10660	2460
	COD	MG/L	310	91	71	11207	2586
	OIL & GREASE	MG/L	47	7	85	2548	632
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	24	12	50	100	35
	TOTAL SOLIDS	MG/L	538	373	31	10970	2840
	TOTAL DISS. SOLIDS	MG/L	357	346	3	310	380
	TOTAL VOLATILE SOLIDS	MG/L	246	111	55	7926	1706
	VOLATILE DISS. SOLIDS	MG/L	95	93	2	86	136
	TOTAL VOL. SUS. SOLIDS	MG/L	151	18	88	7840	1570
	AMMONIA NITROGEN	MG/L	18	15	17	128	115
	TOC	MG/L	88	33	63	2750	1250
VOLATILES	BENZENE	UG/L	2	L 1	50	3	N-D
	1,1,1-TRICHLOROETHANE	UG/L	4	L 1	75	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	6	N-D
	CHLOROFORM	UG/L	3	L 1	67	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	22	2
	ETHYLBENZENE	UG/L	16	L 1	94	100	N-D
	METHYLENE CHLORIDE	UG/L	4	L 3	25	11	1
	TETRACHLOROETHYLENE	UG/L	4	2	50	N-D	N-D
	TOLUENE	UG/L	14	L 1	93	4570	993
	TRICHLOROETHYLENE	UG/L	3	L 1	67	N-D	N-D
ACID EXTRACT	PHENOL	UG/L	L 1	L 1	-	62	52
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 4	L 4	-	30	10
	NAPHTHALENE	UG/L	L 3	L 3	-	20	3
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	24	10	58	305	171
	BUTYL BENZYL PHTHALATE	UG/L	8	L 3	63	115	8
	DI-N-BUTYL PHTHALATE	UG/L	8	L 4	50	42	2
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	8	4
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	6	4
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	N-D	1
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	N-D	1
	CHRYSENE	UG/L	L 5	L 5	-	6	4
	ANTHRACENE	UG/L	L 5	L 5	-	82	10
	FLUORENE	UG/L	L 5	L 5	-	22	1
	PHENANTHRENE	UG/L	L 5	L 5	-	82	10
	PYRENE	UG/L	L 4	L 4	-	27	15
METALS	ANTIMONY	UG/L	L 50	L 10	-	130	190
	ARSENIC	UG/L	L 50	L 50	-	24	15
	CADMIUM	UG/L	L 2	L 2	-	21	38
	CHROMIUM	UG/L	33	48	-	5400	4000
	COPPER	UG/L	109	85	22	8900	6200
	CYANIDE	UG/L	25	3	88	1675	930
	LEAD	UG/L	L 50	L 50	-	1800	750

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N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 27
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/05/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	MERCURY	NG/L	700	300	57	60000	22000
	NICKEL	UG/L	31	22	29	840	570
	SELENIUM	UG/L	L 50	L 50	-	41	13
	SILVER	UG/L	L 5	L 5	-	210	150
	ZINC	UG/L	178	129	28	8200	7900
NON-CONV. METALS	ALUMINUM	UG/L	642	321	50	NOT RUN	NOT RUN
	BARIUM	UG/L	89	88	1	NOT RUN	NOT RUN
	CALCIUM	MG/L	33	27	18	NOT RUN	NOT RUN
	IRON	UG/L	1520	1280	16	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	10	9	10	NOT RUN	NOT RUN
	MANGANESE	UG/L	122	97	20	NOT RUN	NOT RUN
	SODIUM	MG/L	42	46	-	NOT RUN	NOT RUN

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- = NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 28

SAMPLE DATE ENDING 80/06/10 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	504	19	96	375	8817	4808	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	340	23	93	180	NOT RUN	9000	NOT RUN
	COD	MG/L	1280	200	84	912	44000	16000	NOT RUN
	OIL & GREASE	MG/L	216	210	3	212	5100	780	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1280	57	96	2072	3066	903	NOT RUN
	TOTAL SOLIDS	MG/L	1510	1040	31	1540	28600	10300	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	850	1020	-	1000	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	15	L 1	93	L 1	995	810	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	569	155	73	440	21100	7910	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	80	111	-	132	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	260	19	93	124	NOT RUN	7500	NOT RUN
	AMMONIA NITROGEN	MG/L	18	16	11	22	69	24	NOT RUN
	TOC	MG/L	405	51	87	210	4700	2800	NOT RUN
VOLATILES	BENZENE	UG/L	110	L 1	99	59	179	N-D	NOT RUN
	CARBON TETRACHLORIDE	UG/L	98	16	84	36	30	N-D	NOT RUN
	CHLOROBENZENE	UG/L	3	L 1	67	3	75	N-D	NOT RUN
	1,2-DICHLOROETHANE	UG/L	660	520	21	540	297	280	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	130	110	15	150	954	196	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	1	N-D	N-D	NOT RUN
	1,1,2-TRICHLOROETHANE	UG/L	1	4	-	2	N-D	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	2	L 1	50	L 1	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	75	87	-	30	224	145	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	6	L 1	83	1	1160	N-D	NOT RUN
	ETHYLBENZENE	UG/L	42	3	93	39	138	25	NOT RUN
	METHYLENE CHLORIDE	UG/L	390	230	41	340	478	371	NOT RUN
	METHYL CHLORIDE	UG/L	54	480	-	800	N-D	N-D	NOT RUN
	METHYL BROMIDE	UG/L	L 20	L 20	-	31	N-D	N-D	NOT RUN
	BROMOFORM	UG/L	L 1	4	-	3	N-D	N-D	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	22	6	73	L 1	N-D	N-D	NOT RUN
	TRICHLOROFLUOROMETHANE	UG/L	4	L 1	75	4	N-D	N-D	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	L 1	2	-	L 1	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	440	340	23	610	N-D	N-D	NOT RUN
	TOLUENE	UG/L	2800	21	99	1900	4640	10	NOT RUN
	TRICHLOROETHYLENE	UG/L	100	33	67	77	250	1080	NOT RUN
	VINYL CHLORIDE	UG/L	L 20	L 20	-	20	N-D	N-D	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	15	7	53	21	N-D	N-D	NOT RUN
	PHENOL	UG/L	1400	2	100	380	2500	N-D	NOT RUN
BASE-NEUTRALS	HEXACHLOROETHANE	UG/L	6	L 5	17	L 5	N-D	N-D	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	11	8	27	41	N-D	N-D	NOT RUN
	ISOPHORONE	UG/L	L 10	L 10	-	12	N-D	N-D	NOT RUN
	NAPHTHALENE	UG/L	5	L 3	40	3	N-D	N-D	NOT RUN
	NITROBENZENE	UG/L	L 10	L 10	-	14	N-D	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	220	3	99	210	9130	658	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	45	L 3	93	8	530	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	45	L 4	91	7	N-D	N-D	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	11	N-D	N-D	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/10
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 28

SAMPLE DATE ENDING 80/06/10 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
BASE-NEUTRALS	DIETHYL PHTHALATE	UG/L	L 5	L 5	-	5	N-D	N-D	NOT RUN
PESTICIDES	ALPHA-BHC	NG/L	650	L 200	69	L 400	N-D	N-D	NOT RUN
	DELTA-BHC	NG/L	L 800	1300	-	L 800	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	48	21	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	32	14	NOT RUN
	CADMIUM	UG/L	45	4	91	23	3200	530	NOT RUN
	CHROMIUM	UG/L	152	25	84	95	12000	1800	NOT RUN
	COPPER	UG/L	1720	115	93	881	29000	20000	NOT RUN
	CYANIDE	UG/L	251	31	88	476	9280	1680	NOT RUN
	LEAD	UG/L	940	L 50	95	453	26000	12000	NOT RUN
	MERCURY	NG/L	400	L 200	50	300	36000	13000	NOT RUN
	NICKEL	UG/L	193	71	63	140	8500	520	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	11	6	NOT RUN
	SILVER	UG/L	22	L 5	77	13	350	160	NOT RUN
	ZINC	UG/L	7330	1500	80	3840	86000	350	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1640	203	88	1100	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	468	26	94	74	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	72	67	7	69	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	3170	785	75	2590	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	18	20	-	19	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	208	153	26	182	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	222	222	-	217	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/10
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N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 28

SAMPLE DATE ENDING 80/06/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	618	13	98	431	19010	4467	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	430	26	94	243	NOT RUN	8500	NOT RUN
	COD	MG/L	1400	228	84	968	40000	13600	NOT RUN
	OIL & GREASE	MG/L	22	14	36	21	3100	580	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1528	69	95	2194	2940	1535	NOT RUN
	TOTAL SOLIDS	MG/L	1690	1060	37	1400	29700	10200	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	1050	1030	2	1010	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	13	L 1	92	L 1	1000	850	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	707	158	78	481	21800	7850	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	176	134	24	121	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	340	21	94	174	NOT RUN	6500	NOT RUN
	AMMONIA NITROGEN	MG/L	17	11	35	24	64	19	NOT RUN
	TOC	MG/L	370	65	82	270	4800	2900	NOT RUN
VOLATILES	BENZENE	UG/L	81	L 1	99	34	84	N-D	NOT RUN
	CARBON TETRACHLORIDE	UG/L	55	12	78	13	N-D	N-D	NOT RUN
	CHLOROBENZENE	UG/L	5	L 1	80	5	38	N-D	NOT RUN
	1,2-DICHLOROETHANE	UG/L	18000	4300	76	13000	3150	1240	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	320	70	78	130	594	31	NOT RUN
	1,1,2-TRICHLOROETHANE	UG/L	2	2	-	4	N-D	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	1	L 1	-	L 1	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	100	43	57	77	288	100	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	2	L 1	50	1	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	8	L 1	88	6	1860	N-D	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	10	2	80	7	N-D	N-D	NOT RUN
	ETHYLBENZENE	UG/L	58	1	98	36	165	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	330	130	61	280	709	589	NOT RUN
	METHYL CHLORIDE	UG/L	240	L 25	90	120	N-D	N-D	NOT RUN
	METHYL BROMIDE	UG/L	47	L 20	57	L 20	N-D	N-D	NOT RUN
	BROMOFORM	UG/L	1	2	-	L 1	N-D	N-D	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	7	3	57	L 1	N-D	N-D	NOT RUN
	TRICHLOROFLUOROMETHANE	UG/L	3	L 1	67	L 1	N-D	N-D	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	L 1	1	-	L 1	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	330	150	55	290	N-D	N-D	NOT RUN
	TOLUENE	UG/L	3800	15	100	3400	3490	56	NOT RUN
	TRICHLOROETHYLENE	UG/L	95	14	85	90	857	595	NOT RUN
	VINYL CHLORIDE	UG/L	50	L 20	60	L 20	N-D	N-D	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	8	L 5	38	6	N-D	N-D	NOT RUN
	PHENOL	UG/L	1200	1	100	620	2300	N-D	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	9	5	44	9	750	N-D	NOT RUN
	NAPHTHALENE	UG/L	4	L 3	25	L 3	N-D	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	50	L 3	94	11	18000	2800	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	120	L 3	97	L 3	N-D	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	30	L 4	87	L 4	N-D	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	6	L 5	17	L 5	N-D	N-D	NOT RUN
	DIMETHYL PHTHALATE	UG/L	8	L 5	38	L 5	N-D	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	72	N-D	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/11
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 28

SAMPLE DATE ENDING 80/04/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
PESTICIDES	ALPHA-BHC	MG/L	1390	L 200	86	L 400	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	320	54	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	82	31	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	L 2	42	L 32	NOT RUN
	CADMIUM	UG/L	62	6	90	35	1000	470	NOT RUN
	CHROMIUM	UG/L	124	31	75	83	5200	1600	NOT RUN
	COPPER	UG/L	2000	126	94	838	NOT RUN	16000	NOT RUN
	CYANIDE	UG/L	522	33	94	330	12100	10000	NOT RUN
	LEAD	UG/L	978	L 50	95	391	21000	12000	NOT RUN
	MERCURY	MG/L	700	L 200	71	400	59000	13000	NOT RUN
	NICKEL	UG/L	107	107	-	96	1100	500	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	28	14	NOT RUN
	SILVER	UG/L	18	L 5	72	9	720	230	NOT RUN
	ZINC	UG/L	8040	2440	70	4780	170000	5500	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1860	218	88	925	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	526	101	81	324	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	81	63	22	69	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	3090	850	72	2320	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	22	19	14	20	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	269	193	28	233	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	229	222	3	215	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/11
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 28

SAMPLE DATE ENDING 80/06/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	470	16	97	415	11375	3277	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	410	25	94	230	NOT RUN	9500	1
	COD	MG/L	1410	232	84	1104	33600	12800	NOT RUN
	OIL & GREASE	MG/L	29	18	38	19	4700	660	1
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	2133	51	98	1834	1942	173	32
	TOTAL SOLIDS	MG/L	1690	1120	34	1540	25700	10600	284
	TOTAL DISS. SOLIDS	MG/L	1180	1070	9	1060	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	12	L 1	92	L 1	995	800	L 1
	TOTAL VOLATILE SOLIDS	MG/L	708	166	77	569	18400	8160	42
	VOLATILE DISS. SOLIDS	MG/L	265	105	60	NOT RUN	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	320	19	94	150	NOT RUN	8000	1
	AMMONIA NITROGEN	MG/L	16	10	38	23	59	20	L 1
	TOC	MG/L	750	66	91	380	4900	2750	10
VOLATILES	BENZENE	UG/L	580	L 1	100	650	953	N-D	L 1
	CARBON TETRACHLORIDE	UG/L	180	18	90	56	292	46	L 1
	CHLOROBENZENE	UG/L	L 1	L 1	-	5	38	N-D	L 1
	1,2-DICHLOROETHANE	UG/L	16000	13000	19	21000	7880	10010	L 1
	1,1,1-TRICHLOROETHANE	UG/L	30000	310	99	12000	7000	1580	L 1
	1,1-DICHLOROETHANE	UG/L	5	L 1	80	5	N-D	N-D	L 1
	1,1,2-TRICHLOROETHANE	UG/L	12	3	75	10	N-D	N-D	L 1
	1,1,2,2-TETRACHLOROETHANE	UG/L	4	L 1	75	2	N-D	N-D	L 1
	CHLOROFORM	UG/L	100	60	40	85	366	182	L 1
	1,1-DICHLOROETHYLENE	UG/L	140	2	99	60	N-D	N-D	L 1
	1,2-TRANS-DICHLOROETHYLENE	UG/L	21	L 1	95	17	502	N-D	L 1
	1,2-DICHLOROPROPANE	UG/L	12	8	33	12	N-D	N-D	L 1
	ETHYLBENZENE	UG/L	170	2	99	53	196	N-D	L 1
	METHYLENE CHLORIDE	UG/L	3000	1075	64	8600	10330	7540	10
	METHYL CHLORIDE	UG/L	32	34	-	42	N-D	N-D	L 25
	METHYL BROMIDE	UG/L	110	L 20	82	140	N-D	N-D	L 20
	BROMOFORM	UG/L	1	2	-	3	N-D	N-D	12
	DICHLOROBROMOMETHANE	UG/L	20	6	70	11	N-D	N-D	L 1
	TRICHLOROFLUOROMETHANE	UG/L	5	L 1	80	2	N-D	N-D	L 1
	CHLORODIBROMOMETHANE	UG/L	L 1	2	-	2	N-D	N-D	3
	TETRACHLOROETHYLENE	UG/L	600	92	85	400	N-D	N-D	L 1
	TOLUENE	UG/L	6000	2	100	3000	2260	134	L 1
	TRICHLOROETHYLENE	UG/L	1100	96	91	650	1470	295	L 1
	VINYL CHLORIDE	UG/L	42	L 20	52	28	N-D	N-D	L 20
ACID EXTRACT	PHENOL	UG/L	660	L 1	100	340	870	N-D	L 1
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	650	N-D	L 5
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	16	N-D	N-D	L 5
	NAPHTHALENE	UG/L	13	L 3	77	5	160	N-D	L 3
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	34	100	-	14	20130	1500	7
	BUTYL BENZYL PHTHALATE	UG/L	33	4	88	L 3	N-D	N-D	L 3
	DI-N-BUTYL PHTHALATE	UG/L	28	L 4	86	L 4	N-D	N-D	L 4
	DI-N-OCTYL PHTHALATE	UG/L	L 5	6	-	L 5	N-D	N-D	L 5
	DIETHYL PHTHALATE	UG/L	10	L 5	50	6	N-D	N-D	L 5

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/12
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 28

SAMPLE DATE ENDING 80/06/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
BASE-NEUTRALS	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	67	N-D	L 5
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	310	58	L 50
	ARSENIC	UG/L	L 50	L 50	-	L 50	72	34	L 50
	BERYLLIUM	UG/L	L 2	L 2	-	L 2	40	L 32	L 2
	CADMIUM	UG/L	60	5	92	34	300	740	L 2
	CHROMIUM	UG/L	421	69	84	166	5000	2500	L 5
	COPPER	UG/L	2300	149	94	1070	42000	20000	120
	CYANIDE	UG/L	436	60	86	496	11900	2460	NOT RUN
	LEAD	UG/L	826	L 50	94	406	19000	13000	L 50
	MERCURY	MG/L	600	L 200	67	400	58000	220000	L 200
	NICKEL	UG/L	78	88	-	67	780	380	L 10
	SELENIUM	UG/L	L 50	L 50	-	L 50	22	14	L 50
	SILVER	UG/L	20	L 5	75	12	440	220	L 5
	ZINC	UG/L	7000	3150	55	3910	130000	29000	L 20
NON-CONV. METALS	ALUMINUM	UG/L	1550	208	87	1080	NOT RUN	NOT RUN	35
	BARIUM	UG/L	268	93	65	144	NOT RUN	NOT RUN	48
	CALCIUM	MG/L	78	81	--	80	NOT RUN	NOT RUN	15
	IRON	UG/L	3030	982	68	2900	NOT RUN	NOT RUN	350
	MAGNESIUM	MG/L	21	21	-	22	NOT RUN	NOT RUN	6
	MANGANESE	UG/L	256	259	-	218	NOT RUN	NOT RUN	26
	SODIUM	MG/L	224	224	-	237	NOT RUN	NOT RUN	42

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/12
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 28

SAMPLE DATE ENDING 80/06/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	603	23	96	446	7524	3644	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	420	27	94	200	20000	9500	NOT RUN
	COD	MG/L	1400	224	84	1000	36000	13200	NOT RUN
	OIL & GREASE	MG/L	37	12	68	24	4300	670	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	2988	57	98	2011	2308	271	NOT RUN
	TOTAL SOLIDS	MG/L	1800	1150	36	1460	29700	10600	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	1140	1100	4	1050	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	13	L 1	92	L 1	1000	795	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	796	273	66	550	21800	8230	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	212	158	25	153	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	335	21	94	130	12000	7000	NOT RUN
	AMMONIA NITROGEN	MG/L	16	12	25	20	54	23	NOT RUN
	TOC	MG/L	195	66	66	160	4700	2600	NOT RUN
VOLATILES	BENZENE	UG/L	120	L 1	99	120	204	N-D	NOT RUN
	CARBON TETRACHLORIDE	UG/L	55	19	65	L 1	N-D	46	NOT RUN
	CHLOROBENZENE	UG/L	9	L 1	89	5	24	N-D	NOT RUN
	1,2-DICHLOROETHANE	UG/L	1600	5400	-	2700	7360	3060	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	6000	3500	42	4000	10910	6770	NOT RUN
	1,1-DICHLOROETHANE	UG/L	2	2	-	3	N-D	N-D	NOT RUN
	1,1,2-TRICHLOROETHANE	UG/L	11	6	45	7	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	110	53	52	69	176	107	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	28	10	64	21	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	9	3	67	3	38	135	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	6	3	50	2	N-D	N-D	NOT RUN
	ETHYLBENZENE	UG/L	300	10	97	130	386	57	NOT RUN
	METHYLENE CHLORIDE	UG/L	450	3900	-	1800	10500	5510	NOT RUN
	METHYL CHLORIDE	UG/L	150	L 25	83	43	N-D	N-D	NOT RUN
	METHYL BROMIDE	UG/L	67	L 20	70	59	N-D	N-D	NOT RUN
	BROMOFORM	UG/L	1	1	-	2	N-D	N-D	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	7	4	43	3	N-D	N-D	NOT RUN
	TRICHLOROFLUOROMETHANE	UG/L	190	4	98	30	N-D	N-D	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	L 1	2	-	1	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	5100	360	93	1400	N-D	N-D	NOT RUN
	TOLUENE	UG/L	13000	5	100	6500	3060	127	NOT RUN
	TRICHLOROETHYLENE	UG/L	1800	230	87	650	2120	1150	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	5	5	-	L 5	N-D	N-D	NOT RUN
	PHENOL	UG/L	790	L 1	100	380	2500	N-D	NOT RUN
BASE-NEUTRALS	2-CHLORONAPHTHALENE	UG/L	7	L 3	57	L 3	N-D	N-D	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	1300	86	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	23	L 5	78	20	N-D	N-D	NOT RUN
	NAPHTHALENE	UG/L	9	L 3	67	6	290	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	80	140	-	42	11000	2050	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	150	4	97	6	N-D	50	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	64	L 4	94	6	N-D	N-D	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	10	-	L 5	N-D	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	6	L 5	17	L 5	N-D	N-D	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/13
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 28

SAMPLE DATE ENDING 80/06/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
PESTICIDES	ALPHA-BHC	NG/L	1200	620	48	220	N-D	N-D	NOT RUN
	DELTA-BHC	NG/L	L 800	920	-	1700	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	250	73	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	110	38	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	L 2	49	L 32	NOT RUN
	CADMIUM	UG/L	67	8	88	34	1000	630	NOT RUN
	CHROMIUM	UG/L	135	56	59	112	6900	3000	NOT RUN
	COPPER	UG/L	2050	144	93	920	57000	21000	NOT RUN
	CYANIDE	UG/L	533	38	93	510	13800	45200	NOT RUN
	LEAD	UG/L	2540	70	97	540	35000	12000	NOT RUN
	MERCURY	NG/L	800	800	-	300	58000	27000	NOT RUN
	NICKEL	UG/L	90	68	24	77	1100	450	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	45	16	NOT RUN
	SILVER	UG/L	15	L 5	67	8	490	250	NOT RUN
	ZINC	UG/L	9250	2640	71	4460	73000	40000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1620	223	86	898	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	171	72	58	105	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	84	72	14	70	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	3180	985	69	2280	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	23	21	9	21	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	287	217	24	237	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	234	232	1	226	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/13
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 28

SAMPLE DATE ENDING 80/06/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	450	22	95	300	7346	2596	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	380	21	94	210	31000	7250	NOT RUN
	COD	MG/L	1360	220	84	1064	37600	12800	NOT RUN
	OIL & GREASE	MG/L	32	16	50	26	5200	430	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	2621	51	98	2682	2406	201	NOT RUN
	TOTAL SOLIDS	MG/L	1740	1150	34	1570	31000	9790	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	1130	1100	3	1140	NOT RUN	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	16	L 1	94	L 1	1000	830	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	730	241	67	600	23000	7450	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	183	166	9	192	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	300	17	94	145	20000	6500	NOT RUN
	AMMONIA NITROGEN	MG/L	21	15	29	19	55	25	NOT RUN
	TOC	MG/L	280	62	78	320	2500	2900	NOT RUN
VOLATILES	BENZENE	UG/L	360	L 1	100	170	172	N-D	NOT RUN
	CARBON TETRACHLORIDE	UG/L	200	15	92	53	723	N-D	NOT RUN
	CHLOROBENZENE	UG/L	7	L 1	86	4	N-D	N-D	NOT RUN
	1,2-DICHLOROETHANE	UG/L	2400	2000	17	2900	2530	1030	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	1800	710	61	990	5780	1310	NOT RUN
	1,1-DICHLOROETHANE	UG/L	2	1	50	2	N-D	N-D	NOT RUN
	1,1,2-TRICHLOROETHANE	UG/L	5	3	40	3	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	210	55	74	80	169	86	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	9	2	78	3	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	11	L 1	91	7	N-D	N-D	NOT RUN
	ETHYLBENZENE	UG/L	200	3	98	63	200	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	310	760	-	650	1530	690	NOT RUN
	METHYL CHLORIDE	UG/L	490	27	94	250	N-D	N-D	NOT RUN
	METHYL BROMIDE	UG/L	164	L 20	88	37	N-D	N-D	NOT RUN
	BROMOFORM	UG/L	3	2	33	3	N-D	N-D	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	L 1	4	-	5	N-D	N-D	NOT RUN
	TRICHLOROFLUOROMETHANE	UG/L	12	1	92	4	N-D	N-D	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	3	1	67	2	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	5700	500	91	1900	N-D	N-D	NOT RUN
	TOLUENE	UG/L	2900	8	100	3600	8540	70	NOT RUN
	TRICHLOROETHYLENE	UG/L	370	81	78	270	1200	737	NOT RUN
ACID EXTRACT	2-NITROPHENOL	UG/L	64	L 3	95	L 3	N-D	N-D	NOT RUN
	PHENOL	UG/L	760	L 1	100	370	2400	N-D	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	94	L 5	95	25	530	N-D	NOT RUN
	NAPHTHALENE	UG/L	22	L 3	86	11	220	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	160	35	78	160	21000	1600	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	560	L 3	99	20	N-D	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	66	4	94	11	N-D	N-D	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	8	L 5	38	L 5	N-D	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	9	L 5	44	L 5	N-D	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	84	N-D	NOT RUN
PESTICIDES	HEPTACHLOR	NG/L	L 400	1500	-	L 400	N-D	N-D	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 28

SAMPLE DATE ENDING 80/06/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
PESTICIDES	ALPHA-BHC	NG/L	590	L 200	66	1600	N-D	N-D	NOT RUN
	DELTA-BHC	NG/L	890	L 400	55	L 400	N-D	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	140	33	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	81	28	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	L 2	53	L 32	NOT RUN
	CADMIUM	UG/L	58	9	84	43	740	620	NOT RUN
	CHROMIUM	UG/L	100	35	65	100	6000	2300	NOT RUN
	COPPER	UG/L	1760	131	93	1040	53000	23000	NOT RUN
	CYANIDE	UG/L	230	89	61	358	14000	2480	NOT RUN
	LEAD	UG/L	1660	65	96	864	35000	12000	NOT RUN
	MERCURY	NG/L	600	L 200	67	400	90000	19000	NOT RUN
	NICKEL	UG/L	54	70	-	64	1000	380	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	28	12	NOT RUN
	SILVER	UG/L	15	L 5	67	11	420	250	NOT RUN
	ZINC	UG/L	9010	2930	67	6250	240000	62000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1510	148	90	1050	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	126	49	61	112	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	79	68	14	76	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	3050	674	78	2650	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	23	23	-	22	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	212	214	-	213	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	210	230	-	216	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/14
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DAILY ANALYTICAL RESULTS

PLANT 28

SAMPLE DATE ENDING 80/06/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	485	26	95	400	6135	4684	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	415	22	95	235	22000	NOT RUN	NOT RUN
	COD	MG/L	1480	224	85	1048	37600	15200	NOT RUN
	OIL & GREASE	MG/L	24	4	83	10	6100	270	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	3159	63	98	2072	1746	131	NOT RUN
	TOTAL SOLIDS	MG/L	1770	1180	33	1580	30400	9130	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	1140	1120	2	1130	880	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	18	L 1	94	L 1	1000	830	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	760	208	73	550	22290	6920	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	178	118	34	71	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	320	20	94	165	12000	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	16	14	13	20	75	21	NOT RUN
	TOC	MG/L	415	65	84	335	4300	2050	NOT RUN
VOLATILES	BENZENE	UG/L	90	L 1	99	88	245	5	NOT RUN
	CARBON TETRACHLORIDE	UG/L	200	15	92	55	3030	61	NOT RUN
	CHLOROBENZENE	UG/L	7	L 1	86	4	36	N-D	NOT RUN
	1,2-DICHLOROETHANE	UG/L	830	1300	-	820	1350	995	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	1200	410	66	680	2230	798	NOT RUN
	1,1-DICHLOROETHANE	UG/L	3	L 1	67	1	N-D	N-D	NOT RUN
	1,1,2-TRICHLOROETHANE	UG/L	L 1	3	-	4	N-D	N-D	NOT RUN
	CHLOROFORM	UG/L	110	54	51	69	165	129	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	6	L 1	83	4	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	12	L 1	92	7	29	N-D	NOT RUN
	1,2-DICHLOROPROPANE	UG/L	2600	L 1	100	L 1	N-D	N-D	NOT RUN
	ETHYLBENZENE	UG/L	170	7	96	140	557	49	NOT RUN
	METHYLENE CHLORIDE	UG/L	290	810	-	850	1260	382	NOT RUN
	METHYL CHLORIDE	UG/L	960	88	91	290	N-D	N-D	NOT RUN
	METHYL BROMIDE	UG/L	150	L 20	87	230	N-D	N-D	NOT RUN
	BROMOFORM	UG/L	L 1	3	-	3	N-D	N-D	NOT RUN
	DICHLOROBROMOMETHANE	UG/L	6	4	33	5	N-D	N-D	NOT RUN
	TRICHLOROFLUOROMETHANE	UG/L	7	L 1	86	2	N-D	N-D	NOT RUN
	CHLORODIBROMOMETHANE	UG/L	L 1	2	-	1	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	5000	1200	76	2700	N-D	N-D	NOT RUN
	TOLUENE	UG/L	570	4	99	3400	6830	118	NOT RUN
	TRICHLOROETHYLENE	UG/L	490	66	87	390	32700	6290	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	L 5	L 5	-	7	N-D	N-D	NOT RUN
	PHENOL	UG/L	640	1	100	480	N-D	2090	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	160	L 5	97	80	210	1060	NOT RUN
	NAPHTHALENE	UG/L	6	L 3	50	6	N-D	180	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	240	6	97	81	1600	19000	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	150	L 3	98	12	N-D	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	57	L 4	93	9	N-D	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	L 5	L 5	-	7	N-D	N-D	NOT RUN
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	N-D	69	NOT RUN
PESTICIDES	DELTA-BHC	NG/L	1400	L 400	71	1300	N-D	N-D	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
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DAILY ANALYTICAL RESULTS

PLANT 28

SAMPLE DATE ENDING 80/06/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIM SLUDGE	SECOND SLUDGE	TAP WATER
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	280	50	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	95	37	NOT RUN
	BERYLLIUM	UG/L	L 2	L 2	-	L 2	40	L 32	NOT RUN
	CADMIUM	UG/L	12	11	8	19	350	590	NOT RUN
	CHROMIUM	UG/L	86	24	72	82	4900	2900	NOT RUN
	COPPER	UG/L	391	111	72	567	55000	23000	NOT RUN
	CYANIDE	UG/L	509	31	94	470	16200	2560	NOT RUN
	LEAD	UG/L	376	69	82	538	32000	7400	NOT RUN
	MERCURY	NG/L	600	L 200	67	500	42000	27000	NOT RUN
	NICKEL	UG/L	22	42	-	24	1400	350	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	40	13	NOT RUN
	SILVER	UG/L	10	L 5	50	8	570	240	NOT RUN
	ZINC	UG/L	2390	2980	-	2590	220000	60000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1680	162	90	969	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	117	43	63	85	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	102	81	21	93	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	2910	578	80	2490	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	34	26	24	29	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	179	185	-	156	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	220	227	-	213	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/15
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DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	255	104	59	39667	2833
	TOTAL SUSP. SOLIDS	MG/L	124	56	55	58700	1500
	COD	MG/L	480	260	46	65300	2000
	OIL & GREASE	MG/L	50	13	74	7400	460
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	63	112	-	777	173
	TOTAL SOLIDS	MG/L	950	786	17	61234	2303
	TOTAL DISS. SOLIDS	MG/L	668	673	-	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	362	191	47	38447	1280
	VOLATILE DISS. SOLIDS	MG/L	N-D	86	-	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	27	44	-	31250	700
	AMMONIA NITROGEN	MG/L	83	NOT RUN	-	184	120
	TOC	MG/L	80	49	39	4400	285
VOLATILES	BENZENE	UG/L	2	L 1	50	N-D	N-D
	CHLOROBENZENE	UG/L	L 1	1	-	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	52	40	23	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	2	6	-	73	18
	1,1,2-TRICHLOROETHANE	UG/L	L 1	1	-	N-D	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	1	-	N-D	N-D
	CHLOROFORM	UG/L	12	25	-	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	4	L 1	75	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	13	10	23	269	15
	ETHYLBENZENE	UG/L	1	1	-	N-D	N-D
	METHYLENE CHLORIDE	UG/L	610	10	98	20	2
	DICHLOROBROMOMETHANE	UG/L	L 1	1	-	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	31	13	58	N-D	N-D
	TOLUENE	UG/L	12	10	17	480	4
	TRICHLOROETHYLENE	UG/L	8	4	50	N-D	N-D
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	13	7	46	51	N-D
	PHENOL	UG/L	3	1	67	169	6
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	247	4
	1,2-DICHLOROBENZENE	UG/L	10	6	40	548	18
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	225	N-D
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	285	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	960	27
	NAPHTHALENE	UG/L	L 3	L 3	-	103	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	20	18	10	2310	1300
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	198	N-D
	DI-N-BUTYL PHTHALATE	UG/L	6	4	33	112	N-D
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	56	15
	DIETHYL PHTHALATE	UG/L	5	L 5	-	37	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	282	2
	BENZO (A)PYRENE	UG/L	L 10	L 10	-	231	N-D
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	185	1
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	185	1
	CHRYSENE	UG/L	L 5	L 5	-	282	2
	ANTHRACENE	UG/L	L 5	L 5	-	416	4

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DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
BASE-NEUTRALS	1,12-BENZOPERYLENE	UG/L	L 25	L 25	-	25	N-D
	PHENANTHRENE	UG/L	L 5	L 5	-	416	4
	1,2!5,6-DIBENZANTHRACENE	UG/L	L 25	L 25	-	12	N-D
	INDENO(1,2,3-C,D) PYRENE	UG/L	L 25	L 25	-	37	N-D
	PYRENE	UG/L	L 4	L 4	-	340	4
PESTICIDES	GAMMA-BHC	NG/L	L 200	430	-	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	26	57
	ARSENIC	UG/L	L 50	L 50	-	72	30
	CADMIUM	UG/L	L 2	L 2	-	180	31
	CHROMIUM	UG/L	43	16	63	3500	L 170
	COPPER	UG/L	122	85	30	44000	2100
	CYANIDE	UG/L	338	92	73	24200	3030
	LEAD	UG/L	L 50	L 50	-	8200	390
	MERCURY	NG/L	500	700	-	390000	12000
	NICKEL	UG/L	38	12	68	4000	L 200
	SELENIUM	UG/L	L 50	L 50	-	39	2
	SILVER	UG/L	13	7	46	2200	140
	ZINC	UG/L	136	91	33	27000	1500
NON-CONV. METALS	ALUMINUM	UG/L	854	631	26	NOT RUN	NOT RUN
	BARIUM	UG/L	146	115	21	NOT RUN	NOT RUN
	CALCIUM	MG/L	58	62	-	NOT RUN	NOT RUN
	IRON	UG/L	1050	1110	-	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	11	11	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	106	115	-	NOT RUN	NOT RUN
	SODIUM	MG/L	105	101	4	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/17 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	THICKENER OVERFLOW	TAP WATER
CONVENTIONALS	BOD	MG/L	285	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	225	NOT RUN	NOT RUN
	COD	MG/L	660	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	39	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	63	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	1031	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	772	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	365	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	156	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	145	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	81	NOT RUN	NOT RUN
	TOC	MG/L	115	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	2	NOT RUN	NOT RUN
	CHLOROBENZENE	UG/L	2	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	186	NOT RUN	NOT RUN
	1,1-DICHLOROETHANE	UG/L	6	NOT RUN	NOT RUN
	1,1,2-TRICHLOROETHANE	UG/L	2	NOT RUN	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	2	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	11	NOT RUN	NOT RUN
	1,2-TRANS-DICHLORDETHYLENE	UG/L	19	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	4	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	43	NOT RUN	NOT RUN
	BROMOFORM	UG/L	2	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	26	NOT RUN	NOT RUN
	TOLUENE	UG/L	54	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	12	NOT RUN	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	12	NOT RUN	NOT RUN
	PHENOL	UG/L	5	NOT RUN	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	14	NOT RUN	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	5	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	14	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	5	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	NOT RUN	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	140	NOT RUN	NOT RUN
METALS	CHROMIUM	UG/L	49	NOT RUN	NOT RUN
	COPPER	UG/L	304	NOT RUN	NOT RUN
	CYANIDE	UG/L	573	NOT RUN	NOT RUN
	MERCURY	NG/L	1900	NOT RUN	NOT RUN
	NICKEL	UG/L	45	NOT RUN	NOT RUN
	SILVER	UG/L	23	NOT RUN	NOT RUN
	ZINC	UG/L	401	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	2510	NOT RUN	NOT RUN
	BARIUM	UG/L	277	NOT RUN	NOT RUN

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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/17 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	THICKENER OVERFLOW	TAP WATER
NON-CONV. METALS	CALCIUM	MG/L	65	NOT RUN	NOT RUN
	IRON	UG/L	3840	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	12	NOT RUN	NOT RUN
	MANGANESE	UG/L	138	NOT RUN	NOT RUN
	SODIUM	MG/L	103	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/17
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DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	199	42	79	90334	3612
	TOTAL SUSP. SOLIDS	MG/L	140	42	70	51600	1750
	COD	MG/L	440	290	34	66700	1200
	OIL & GREASE	MG/L	38	16	58	7800	370
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	106	81	24	285	215
	TOTAL SOLIDS	MG/L	932	822	12	54237	3021
	TOTAL DISS. SOLIDS	MG/L	650	654	-	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	329	219	33	34592	1796
	VOLATILE DISS. SOLIDS	MG/L	32	64	-	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	30	34	-	29750	1100
	AMMONIA NITROGEN	MG/L	74	NOT RUN	-	170	117
	TOC	MG/L	120	58	52	4300	1700
VOLATILES	BENZENE	UG/L	1	L 1	-	N-D	N-D
	CHLOROBENZENE	UG/L	4	L 1	75	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	28	40	-	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	1	5	-	66	16
	CHLOROFORM	UG/L	11	31	-	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	3	L 1	67	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	7	11	-	138	6
	ETHYLBENZENE	UG/L	2	L 1	50	N-D	N-D
	METHYLENE CHLORIDE	UG/L	310	390	-	333	259
	DICHLOROBROMOMETHANE	UG/L	L 1	1	-	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	13	5	62	N-D	2
	TOLUENE	UG/L	9	31	-	827	18
	TRICHLOROETHYLENE	UG/L	15	7	53	N-D	N-D
ACID EXTRACT	PHENOL	UG/L	1	1	-	314	N-D
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	186	2
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	909	N-D
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	423	N-D
	FLUORANTHENE	UG/L	5	L 4	20	1130	1
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	42	24	43	13350	74
	BUTYL BENZYL PHTHALATE	UG/L	4	L 3	25	N-D	2
	DI-N-BUTYL PHTHALATE	UG/L	9	5	44	186	N-D
	DIETHYL PHTHALATE	UG/L	5	L 5	-	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	341	1
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	294	N-D
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	294	N-D
	CHRYSENE	UG/L	L 5	L 5	-	341	1
	PYRENE	UG/L	L 4	L 4	-	413	1
PESTICIDES	BETA-BHC	NG/L	L 200	1700	-	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	50	6
	ARSENIC	UG/L	L 50	L 50	-	130	9
	CADMIUM	UG/L	L 2	L 2	-	67	L 6
	CHROMIUM	UG/L	48	24	50	4600	L 380

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	COPPER	UG/L	128	75	41	17000	1700
	CYANIDE	UG/L	325	253	22	24800	2480
	LEAD	UG/L	L 50	L 50	-	5000	270
	MERCURY	NG/L	700	600	14	7000	L 5000
	NICKEL	UG/L	15	21	-	4100	L 180
	SELENIUM	UG/L	L 50	L 50	-	L 2	4
	SILVER	UG/L	20	8	60	1700	L 100
	ZINC	UG/L	124	82	34	32000	270
NON-CONV. METALS	ALUMINUM	UG/L	1090	689	37	NOT RUN	NOT RUN
	BARIUM	UG/L	152	114	25	NOT RUN	NOT RUN
	CALCIUM	MG/L	60	61	-	NOT RUN	NOT RUN
	IRON	UG/L	1040	1170	-	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	11	11	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	116	121	-	NOT RUN	NOT RUN
	SODIUM	MG/L	99	103	-	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/18 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	THICKENER OVERFLOW	TAP WATER
CONVENTIONALS	BOD	MG/L	460	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	180	NOT RUN	NOT RUN
	COD	MG/L	740	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	36	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	94	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	1110	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	850	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	432	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	75	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	145	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	71	NOT RUN	NOT RUN
	TOC	MG/L	140	NOT RUN	NOT RUN
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	134	NOT RUN	NOT RUN
	1,1-DICHLOROETHANE	UG/L	6	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	9	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	24	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	570	NOT RUN	NOT RUN
ACID EXTRACT	PHENOL	UG/L	4	NOT RUN	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	6	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	64	NOT RUN	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	4	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	7	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	NOT RUN	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	390	NOT RUN.	NOT RUN
METALS	CHROMIUM	UG/L	55	NOT RUN	NOT RUN
	COPPER	UG/L	332	NOT RUN	NOT RUN
	CYANIDE	UG/L	549	NOT RUN	NOT RUN
	LEAD	UG/L	67	NOT RUN	NOT RUN
	MERCURY	NG/L	2000	NOT RUN	NOT RUN
	NICKEL	UG/L	30	NOT RUN	NOT RUN
	SILVER	UG/L	25	NOT RUN	NOT RUN
	ZINC	UG/L	354	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	2810	NOT RUN	NOT RUN
	BARIUM	UG/L	301	NOT RUN	NOT RUN
	CALCIUM	MG/L	67	NOT RUN	NOT RUN
	IRON	UG/L	3930	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	12	NOT RUN	NOT RUN
	MANGANESE	UG/L	156	NOT RUN	NOT RUN
	SODIUM	MG/L	106	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	148	56	62	47556	1078
	TOTAL SUSP. SOLIDS	MG/L	100	42	58	52650	1550
	COD	MG/L	640	280	56	61300	2880
	OIL & GREASE	MG/L	41	14	66	10200	330
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	69	69	-	524	285
	TOTAL SOLIDS	MG/L	828	786	5	52885	2682
	TOTAL DISS. SOLIDS	MG/L	787	654	17	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	247	178	28	19263	1551
	VOLATILE DISS. SOLIDS	MG/L	95	80	16	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	40	32	20	NOT RUN	925
	AMMONIA NITROGEN	MG/L	52	NOT RUN	-	168	105
	TOC	MG/L	105	53	50	2400	127
VOLATILES	BENZENE	UG/L	L 1	2	-	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	30	33	-	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	2	4	-	43	14
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	1	-	N-D	N-D
	CHLOROFORM	UG/L	9	22	-	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	4	L 1	75	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	4	7	-	83	5
	ETHYLBENZENE	UG/L	2	L 1	50	N-D	N-D
	METHYLENE CHLORIDE	UG/L	130	60	54	269	87
	DICHLOROBROMOMETHANE	UG/L	L 1	1	-	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	15	5	67	N-D	N-D
	TOLUENE	UG/L	14	7	50	309	5
	TRICHLOROETHYLENE	UG/L	10	5	50	N-D	N-D
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	17	L 5	71	51	N-D
	PHENOL	UG/L	4	L 1	75	254	9
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	667	N-D
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	320	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	1100	16
	NAPHTHALENE	UG/L	L 3	L 3	-	231	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	34	27	21	24800	94
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	N-D	7
	DI-N-BUTYL PHTHALATE	UG/L	7	5	29	N-D	6
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	218	N-D
	CHRYSENE	UG/L	L 5	L 5	-	218	N-D
	1,12-BENZOPERYLENE	UG/L	L 25	L 25	-	133	N-D
	PYRENE	UG/L	L 4	L 4	-	300	N-D
PESTICIDES	GAMMA-BHC	NG/L	120	L 50	58	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	52	4
	ARSENIC	UG/L	L 50	L 50	-	100	5
	CHROMIUM	UG/L	41	20	51	1300	L 380
	COPPER	UG/L	127	73	43	21000	1400
	CYANIDE	UG/L	325	106	67	7400	3440

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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	LEAD	UG/L	L 50	L 50	-	6300	270
	MERCURY	NG/L	700	700	-	170000	L 5000
	NICKEL	UG/L	12	18	-	2200	L 180
	SELENIUM	UG/L	L 50	L 50	-	6	1
	SILVER	UG/L	23	8	65	1100	L 100
	ZINC	UG/L	136	87	36	29000	1800
NON-CONV. METALS	ALUMINUM	UG/L	781	642	18	NOT RUN	NOT RUN
	BARIUM	UG/L	156	115	26	NOT RUN	NOT RUN
	CALCIUM	MG/L	57	63	-	NOT RUN	NOT RUN
	IRON	UG/L	1560	1140	27	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	11	11	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	111	119	-	NOT RUN	NOT RUN
	SODIUM	MG/L	102	103	-	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/19 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	THICKENER OVERFLOW	TAP WATER
CONVENTIONALS	BOD	MG/L	240	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	245	NOT RUN	NOT RUN
	COD	MG/L	660	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	28	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	124	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	1062	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	824	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	381	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	170	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	180	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	75	NOT RUN	NOT RUN
	TOC	MG/L	69	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	1	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	230	NOT RUN	NOT RUN
	1,1-DICHLOROETHANE	UG/L	4	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	10	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	7	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	2	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	340	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	10	NOT RUN	NOT RUN
	TOLUENE	UG/L	49	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	9	NOT RUN	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	5	NOT RUN	NOT RUN
	PHENOL	UG/L	5	NOT RUN	NOT RUN
BASE-NEUTRALS	1,4-DICHLOROBENZENE	UG/L	5	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	25	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	6	NOT RUN	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	120	NOT RUN	NOT RUN
METALS	CHROMIUM	UG/L	53	NOT RUN	NOT RUN
	COPPER	UG/L	312	NOT RUN	NOT RUN
	CYANIDE	UG/L	512	NOT RUN	NOT RUN
	LEAD	UG/L	62	NOT RUN	NOT RUN
	MERCURY	NG/L	2300	NOT RUN	NOT RUN
	NICKEL	UG/L	31	NOT RUN	NOT RUN
	SILVER	UG/L	26	NOT RUN	NOT RUN
	ZINC	UG/L	370	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	2710	NOT RUN	NOT RUN
	BARIUM	UG/L	300	NOT RUN	NOT RUN
	CALCIUM	MG/L	69	NOT RUN	NOT RUN
	IRON	UG/L	4200	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	12	NOT RUN	NOT RUN
	MANGANESE	UG/L	146	NOT RUN	NOT RUN
	SODIUM	MG/L	104	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	109	45	59	14889	952
	TOTAL SUSP. SOLIDS	MG/L	53	46	13	40958	1325
	COD	MG/L	440	250	43	61300	1600
	OIL & GREASE	MG/L	44	16	64	6900	600
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	94	45	52	2392	229
	TOTAL SOLIDS	MG/L	948	859	9	50771	2468
	TOTAL DISS. SOLIDS	MG/L	NOT RUN	738	-	1717	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	421	269	36	32428	1404
	VOLATILE DISS. SOLIDS	MG/L	NOT RUN	58	-	750	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	27	30	-	24150	775
	AMMONIA NITROGEN	MG/L	63	NOT RUN	-	166	115
	TOC	MG/L	75	53	29	3400	380
VOLATILES	BENZENE	UG/L	1	1	-	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	67	34	49	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	2	3	-	45	15
	CHLOROFORM	UG/L	12	26	-	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	8	L 1	88	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	7	6	14	110	2
	ETHYLBENZENE	UG/L	2	L 1	50	N-D	N-D
	METHYLENE CHLORIDE	UG/L	45	33	27	169	3
	DICHLOROBROMOMETHANE	UG/L	L 1	1	-	N-D	N-D
	DICHLORODIFLUOROMETHANE	UG/L	740	L 20	97	N-D	N-D
	CHLORODIBROMOMETHANE	UG/L	L 1	1	-	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	13	5	62	N-D	2
	TOLUENE	UG/L	78	5	94	366	4
	TRICHLOROETHYLENE	UG/L	7	3	57	N-D	N-D
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	L 5	6	-	37	N-D
	PHENOL	UG/L	2	2	-	209	N-D
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	260	N-D
	1,2-DICHLOROBENZENE	UG/L	16	7	56	758	N-D
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	334	N-D
	1,4-DICHLOROBENZENE	UG/L	15	6	60	439	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	1040	27
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	21	18	14	11300	164
	DI-N-BUTYL PHTHALATE	UG/L	12	5	58	N-D	16
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	238	N-D
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	229	N-D
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	229	N-D
	CHRYSENE	UG/L	L 5	L 5	-	238	N-D
	PYRENE	UG/L	L 4	L 4	-	854	4
METALS	ANTIMONY	UG/L	L 50	L 50	-	110	5
	ARSENIC	UG/L	L 50	L 50	-	180	7
	CADMIUM	UG/L	L 2	L 2	-	79	L 6
	CHROMIUM	UG/L	29	13	55	3600	L 380
	COPPER	UG/L	103	59	43	35000	1400

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/20
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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	CYANIDE	UG/L	348	96	72	7600	3360
	LEAD	UG/L	L 50	L 50	-	7800	250
	MERCURY	NG/L	600	700	-	NOT RUN	L 5000
	NICKEL	UG/L	L 10	L 10	-	4300	L 180
	SELENIUM	UG/L	L 50	L 50	-	9	1
	SILVER	UG/L	14	8	43	1200	110
	ZINC	UG/L	119	80	33	54000	1900
NON-CONV. METALS	ALUMINUM	UG/L	782	593	24	NOT RUN	NOT RUN
	BARIUM	UG/L	140	110	21	NOT RUN	NOT RUN
	CALCIUM	MG/L	63	66	-	NOT RUN	NOT RUN
	IRON	UG/L	1110	958	14	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	11	12	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	125	119	5	NOT RUN	NOT RUN
	SODIUM	MG/L	120	118	2	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/20
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DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/20 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	THICKENER OVERFLOW	TAP WATER
CONVENTIONALS	BOD	MG/L	198	NOT RUN	3
	TOTAL SUSP. SOLIDS	MG/L	110	NOT RUN	2
	COD	MG/L	650	NOT RUN	8
	OIL & GREASE	MG/L	41	NOT RUN	1
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	51	NOT RUN	20
	TOTAL SOLIDS	MG/L	1001	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	794	NOT RUN	302
	TOTAL VOLATILE SOLIDS	MG/L	456	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	65	NOT RUN	66
	TOTAL VOL. SUS. SOLIDS	MG/L	80	NOT RUN	1
	AMMONIA NITROGEN	MG/L	69	NOT RUN	L 1
	TOC	MG/L	97	NOT RUN	8
VOLATILES	BENZENE	UG/L	2	NOT RUN	L 1
	1,1,1-TRICHLOROETHANE	UG/L	220	NOT RUN	L 1
	1,1-DICHLOROETHANE	UG/L	5	NOT RUN	L 1
	CHLOROFORM	UG/L	17	NOT RUN	L 1
	1,1-DICHLOROETHYLENE	UG/L	17	NOT RUN	L 1
	1,2-TRANS-DICHLOROETHYLENE	UG/L	21	NOT RUN	17
	ETHYLBENZENE	UG/L	2	NOT RUN	L 1
	METHYLENE CHLORIDE	UG/L	90	NOT RUN	L 3
	DICHLOROBROMOMETHANE	UG/L	1	NOT RUN	L 1
	DICHLORODIFLUOROMETHANE	UG/L	120	NOT RUN	L 20
	TETRACHLOROETHYLENE	UG/L	16	NOT RUN	41
	TOLUENE	UG/L	66	NOT RUN	L 1
	TRICHLOROETHYLENE	UG/L	10	NOT RUN	2
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	10	NOT RUN	L 5
	PHENOL	UG/L	5	NOT RUN	L 1
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	8	NOT RUN	L 5
	1,4-DICHLOROBENZENE	UG/L	9	NOT RUN	L 5
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	30	NOT RUN	L 3
	DI-N-BUTYL PHTHALATE	UG/L	5	NOT RUN	L 4
METALS	CHROMIUM	UG/L	42	NOT RUN	L 5
	COPPER	UG/L	201	NOT RUN	3
	CYANIDE	UG/L	824	NOT RUN	122
	LEAD	UG/L	68	NOT RUN	L 50
	MERCURY	NG/L	1600	NOT RUN	200
	NICKEL	UG/L	28	NOT RUN	L 10
	SILVER	UG/L	18	NOT RUN	L 5
	ZINC	UG/L	246	NOT RUN	L 20
NON-CONV. METALS	ALUMINUM	UG/L	1720	NOT RUN	L 20
	BARIUM	UG/L	211	NOT RUN	148
	CALCIUM	MG/L	66	NOT RUN	62
	IRON	UG/L	2520	NOT RUN	L 50
	MAGNESIUM	MG/L	12	NOT RUN	10

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/20
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/20 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	THICKENER OVERFLOW	TAP WATER
NON-CONV. METALS	MANGANESE	UG/L	135	NOT RUN	L 2
	SODIUM	MG/L	114	NOT RUN	11

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/20
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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	204	62	70	18222	3091
	TOTAL SUSP. SOLIDS	MG/L	88	47	47	52150	7950
	COD	MG/L	520	280	46	64000	3200
	OIL & GREASE	MG/L	35	12	66	8200	1350
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	57	69	-	1957	440
	TOTAL SOLIDS	MG/L	802	777	3	57405	9046
	TOTAL DISS. SOLIDS	MG/L	844	684	19	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	199	159	20	36007	5968
	VOLATILE DISS. SOLIDS	MG/L	186	94	49	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	43	34	21	30350	4850
	AMMONIA NITROGEN	MG/L	62	NOT RUN	-	165	123
	TOC	MG/L	65	50	23	3500	1100
VOLATILES	BENZENE	UG/L	L 1	1	-	N-D	2
	1,2-DICHLOROETHANE	UG/L	1	2	-	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	17	42	-	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	5	-	50	25
	CHLOROFORM	UG/L	10	28	-	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	2	3	-	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	8	17	-	81	18
	ETHYLBENZENE	UG/L	5	L 1	80	N-D	N-D
	METHYLENE CHLORIDE	UG/L	17	6	65	34	7
	DICHLOROBROMOMETHANE	UG/L	L 1	1	-	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	28	11	61	N-D	N-D
	TOLUENE	UG/L	12	6	50	337	11
	TRICHLOROETHYLENE	UG/L	L 5	1	-	N-D	N-D
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	L 5	7	-	67	N-D
	PHENOL	UG/L	1	2	-	457	32
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	405	N-D
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	963	N-D
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	500	N-D
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	645	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	9930	143
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	15	11	27	1070	958
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	N-D	68
	DI-N-BUTYL PHTHALATE	UG/L	10	13	-	N-D	45
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	230	N-D
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	200	N-D
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	200	N-D
	CHRYSENE	UG/L	L 5	L 5	-	230	N-D
	PYRENE	UG/L	L 4	L 4	-	538	26
PESTICIDES	GAMMA-BHC	NG/L	L 100	420	-	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	84	160
	ARSENIC	UG/L	L 50	L 50	-	280	32
	CADMIUM	UG/L	L 2	L 2	-	50	30

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	CHROMIUM	UG/L	19	18	5	5500	750
	COPPER	UG/L	95	65	32	3200	6400
	CYANIDE	UG/L	388	160	59	6600	3480
	LEAD	UG/L	L 50	L 50	-	4800	1200
	MERCURY	MG/L	400	600	-	300000	31000
	NICKEL	UG/L	14	L 10	29	4200	510
	SELENIUM	UG/L	L 50	L 50	-	34	7
	SILVER	UG/L	14	11	21	2300	580
	ZINC	UG/L	96	77	20	3700	7200
NON-CONV. METALS	ALUMINUM	UG/L	613	596	3	NOT RUN	NOT RUN
	BARIUM	UG/L	141	112	21	NOT RUN	NOT RUN
	CALCIUM	MG/L	58	64	-	NOT RUN	NOT RUN
	IRON	UG/L	3360	1320	61	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	12	12	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	161	123	24	NOT RUN	NOT RUN
	SODIUM	MG/L	112	105	6	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/21 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	THICKENER OVERFLOW	TAP WATER
CONVENTIONALS	BOD	MG/L	276	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	215	NOT RUN	NOT RUN
	COD	MG/L	660	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	52	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	136	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	1013	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	782	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	354	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	165	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	80	NOT RUN	NOT RUN
	TOC	MG/L	105	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	1	NOT RUN	NOT RUN
	1,2-DICHLOROETHANE	UG/L	2	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	370	NOT RUN	NOT RUN
	1,1-DICHLOROETHANE	UG/L	7	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	15	NOT RUN	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	15	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	38	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	3	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	12	NOT RUN	NOT RUN
	DICHLORODIFLUOROMETHANE	UG/L	25	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	27	NOT RUN	NOT RUN
	TOLUENE	UG/L	48	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	18	NOT RUN	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	5	NOT RUN	NOT RUN
	PHENOL	UG/L	3	NOT RUN	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	6	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	19	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	4	NOT RUN	NOT RUN
METALS	CHROMIUM	UG/L	53	NOT RUN	NOT RUN
	COPPER	UG/L	307	NOT RUN	NOT RUN
	CYANIDE	UG/L	945	NOT RUN	NOT RUN
	LEAD	UG/L	93	NOT RUN	NOT RUN
	MERCURY	MG/L	2100	NOT RUN	NOT RUN
	NICKEL	UG/L	39	NOT RUN	NOT RUN
	SILVER	UG/L	24	NOT RUN	NOT RUN
	ZINC	UG/L	351	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	2520	NOT RUN	NOT RUN
	BARIUM	UG/L	290	NOT RUN	NOT RUN
	CALCIUM	MG/L	70	NOT RUN	NOT RUN
	IRON	UG/L	4730	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	12	NOT RUN	NOT RUN
	MANGANESE	UG/L	169	NOT RUN	NOT RUN
	SODIUM	MG/L	105	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	205	68	67	26778	797
	TOTAL SUSP. SOLIDS	MG/L	83	30	64	51800	1000
	COD	MG/L	500	260	48	58700	2400
	OIL & GREASE	MG/L	30	16	47	6400	340
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	69	124	-	580	229
	TOTAL SOLIDS	MG/L	800	827	-	52683	2072
	TOTAL DISS. SOLIDS	MG/L	749	727	3	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	181	178	2	33343	1070
	VOLATILE DISS. SOLIDS	MG/L	62	80	-	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	45	24	47	28250	500
	AMMONIA NITROGEN	MG/L	68	NOT RUN	-	169	106
	TOC	MG/L	115	45	61	3900	400
VOLATILES	BENZENE	UG/L	L 1	L 1	-	N-D	1
	1,1,1-TRICHLOROETHANE	UG/L	5	18	-	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	4	-	46	7
	CHLOROFORM	UG/L	9	17	-	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	L 1	1	-	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	12	6	50	244	13
	METHYLENE CHLORIDE	UG/L	5	6	-	22	1
	TETRACHLOROETHYLENE	UG/L	58	31	47	N-D	N-D
	TOLUENE	UG/L	5	3	40	198	9
	TRICHLOROETHYLENE	UG/L	23	9	61	N-D	N-D
ACID EXTRACT	2-CHLOROPHENOL	UG/L	L 1	L 1	-	13	N-D
	PHENOL	UG/L	2	1	50	204	N-D
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	L 5	-	185	N-D
	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	185	N-D
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	250	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	1030	24
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	15	14	7	14300	105
	DI-N-BUTYL PHTHALATE	UG/L	8	8	-	N-D	N-D
	DIETHYL PHTHALATE	UG/L	5	L 5	-	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	158	N-D
	CHRYSENE	UG/L	L 5	L 5	-	158	N-D
	PYRENE	UG/L	L 4	L 4	-	250	N-D
PESTICIDES	ALDRIN	NG/L	520	L 100	81	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	120	7
	ARSENIC	UG/L	L 50	L 50	-	150	8
	CADMIUM	UG/L	L 2	L 2	-	150	L 6
	CHROMIUM	UG/L	18	13	28	3800	L 380
	COPPER	UG/L	86	52	40	28000	1100
	CYANIDE	UG/L	494	94	81	7200	3620
	LEAD	UG/L	L 50	L 50	-	6400	4000
	MERCURY	NG/L	300	600	-	8000	L 5000
	NICKEL	UG/L	L 10	22	-	3100	L 180

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/22
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	SELENIUM	UG/L	L 50	L 50	-	13	1
	SILVER	UG/L	6	6	-	2100	L 100
	ZINC	UG/L	92	71	23	37000	1500
NON-CONV. METALS	ALUMINUM	UG/L	603	472	22	NOT RUN	NOT RUN
	BARIUM	UG/L	109	99	9	NOT RUN	NOT RUN
	CALCIUM	MG/L	59	63	-	NOT RUN	NOT RUN
	IRON	UG/L	890	1130	-	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	12	13	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	131	143	-	NOT RUN	NOT RUN
	SODIUM	MG/L	110	120	-	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/22
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/22 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	THICKENER OVERFLOW	TAP WATER
CONVENTIONALS	BOD	MG/L	230	24500	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	150	53760	NOT RUN
	COD	MG/L	640	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	25	3050	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	112	608	NOT RUN
	TOTAL SOLIDS	MG/L	972	58136	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	739	1520	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	274	36017	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	78	740	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	115	31020	NOT RUN
	AMMONIA NITROGEN	MG/L	78	268	NOT RUN
	TOC	MG/L	70	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	2	9	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	22	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	4	240	NOT RUN
	CHLOROFORM	UG/L	10	N-D	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	2	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	14	224	NOT RUN
	ETHYLBENZENE	UG/L	2	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	11	65	NOT RUN
	TETRACHLOROETHYLENE	UG/L	63	N-D	NOT RUN
	TOLUENE	UG/L	39	4700	NOT RUN
	TRICHLOROETHYLENE	UG/L	25	N-D	NOT RUN
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	L 2	9	NOT RUN
	PHENOL	UG/L	4	234	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	L 5	210	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	L 5	366	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	L 5	208	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 5	194	NOT RUN
	FLUORANTHENE	UG/L	L 4	911	NOT RUN
	NAPHTHALENE	UG/L	L 3	84	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	10	1450	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	L 3	168	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	7	130	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	L 5	54	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	222	NOT RUN
	BENZO (A)PYRENE	UG/L	L 10	126	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	L 5	139	NOT RUN
	11,12-BENZOFLUORANTHENE	UG/L	L 5	139	NOT RUN
	CHRYSENE	UG/L	L 5	222	NOT RUN
	ANTHRACENE	UG/L	L 5	365	NOT RUN
	1,12-BENZOPERYLENE	UG/L	L 25	20	NOT RUN
	PHENANTHRENE	UG/L	L 5	365	NOT RUN
	1,2:5,6-DIBENZANTHRACENE	UG/L	L 25	9	NOT RUN
	INDENO(1,2,3-C,D) PYRENE	UG/L	L 25	30	NOT RUN
	PYRENE	UG/L	L 4	258	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/22
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 29

SAMPLE DATE ENDING 80/06/22 0800 HOURS

FRACTION	PARAMETER	UNITS		PRIMARY EFFLUENT	THICKENER OVERFLOW	TAP WATER
METALS	ANTIMONY	UG/L	L	50	270	NOT RUN
	ARSENIC	UG/L	L	50	270	NOT RUN
	CADMIUM	UG/L	L	2	50	NOT RUN
	CHROMIUM	UG/L		36	330	NOT RUN
	COPPER	UG/L		226	4000	NOT RUN
	CYANIDE	UG/L		836	NOT RUN	NOT RUN
	LEAD	UG/L		58	7600	NOT RUN
	MERCURY	NG/L		1600	290000	NOT RUN
	NICKEL	UG/L		27	690	NOT RUN
	SELENIUM	UG/L	L	50	13	NOT RUN
	SILVER	UG/L		18	550	NOT RUN
	ZINC	UG/L		267	5000	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L		1890	NOT RUN	NOT RUN
	BARIUM	UG/L		221	NOT RUN	NOT RUN
	CALCIUM	MG/L		67	NOT RUN	NOT RUN
	IRON	UG/L		3120	NOT RUN	NOT RUN
	MAGNESIUM	MG/L		13	NOT RUN	NOT RUN
	MANGANESE	UG/L		165	NOT RUN	NOT RUN
	SODIUM	MG/L		124	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/22
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 30

SAMPLE DATE ENDING 80/07/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	OTHER SLUDGE
CONVENTIONALS	BOD	MG/L	240	21	91	190	231	3011
	TOTAL SUSP. SOLIDS	MG/L	55	6	89	36	250	6910
	COD	MG/L	453	84	81	348	1050	8200
	OIL & GREASE	MG/L	22	5	77	11	25	280
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	775	51	93	155	412	299
	TOTAL SOLIDS	MG/L	561	469	16	452	805	8220
	TOTAL VOLATILE SOLIDS	MG/L	149	74	50	83	315	3266
	TOTAL VOL. SUS. SOLIDS	MG/L	45	5	89	29	150	2450
	AMMONIA NITROGEN	MG/L	7	5	29	8	11	8
	TOC	MG/L	71	20	72	88	70	1063
VOLATILES	BENZENE	UG/L	59	2	97	69	N-D	55
	CHLOROBENZENE	UG/L	51	L 1	98	40	N-D	87
	1,2-DICHLOROETHANE	UG/L	19407	400	98	6500	15	2810
	1,1,2-TRICHLOROETHANE	UG/L	1	L 1	-	2	N-D	N-D
	CHLOROFORM	UG/L	65	7	89	69	N-D	N-D
	ETHYLBENZENE	UG/L	2	L 1	50	3	5	N-D
	METHYLENE CHLORIDE	UG/L	2	L 3	-	9	2	44
	METHYL CHLORIDE	UG/L	40	L 25	38	L 25	N-D	N-D
	BROMOFORM	UG/L	L 1	3	-	2	N-D	N-D
	DICHLOROBROMOMETHANE	UG/L	1	2	-	2	N-D	N-D
	CHLORODIBROMOMETHANE	UG/L	L 1	3	-	L 1	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	3	L 1	67	7	2	N-D
	TOLUENE	UG/L	435	L 1	100	180	N-D	102
	TRICHLOROETHYLENE	UG/L	3	L 1	67	2	4	N-D
ACID EXTRACT	PHENOL	UG/L	16	1	94	8	12	56
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	N-D	3
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	N-D	3
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	N-D	7
	NAPHTHALENE	UG/L	L 3	L 3	-	L 3	N-D	5
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	16	4	75	17	2	498
	BUTYL BENZYL PHTHALATE	UG/L	2	L 3	-	L 3	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	4	L 4	-	4	N-D	N-D
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	L 5	N-D	28
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	N-D	12
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	L 5	N-D	5
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	L 5	N-D	5
	CHRYSENE	UG/L	L 5	L 5	-	L 5	N-D	12
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	1	21
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	1	21
	PYRENE	UG/L	L 4	L 4	-	L 4	N-D	7
PESTICIDES	GAMMA-BHC	NG/L	37	L 50	-	80	N-D	N-D
	DELTA-BHC	NG/L	L 100	310	-	310	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	1	6
	ARSENIC	UG/L	L 50	L 50	-	L 50	12	940

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 30

SAMPLE DATE ENDING 80/07/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	OTHER SLUDGE
METALS	CADMIUM	UG/L	L 2	L 2	-	L 2	L 10	26
	CHROMIUM	UG/L	280	17	94	73	290	9300
	COPPER	UG/L	31	L 2	94	21	270	2800
	CYANIDE	UG/L	1215	135	89	659	820	6010
	LEAD	UG/L	L 50	L 50	-	L 50	340	2400
	MERCURY	NG/L	715	L 200	72	400	L 8000	L 8000
	NICKEL	UG/L	19	19	-	L 10	L 200	1600
	SELENIUM	UG/L	L 50	L 50	-	52	6	1
	SILVER	UG/L	L 5	L 5	-	L 5	240	L 70
	ZINC	UG/L	4191	56	99	876	3000	340000
NON-CONV. METALS	ALUMINUM	UG/L	1945	97	95	1000	NOT RUN	NOT RUN
	BARIUM	UG/L	55	10	82	61	NOT RUN	NOT RUN
	CALCIUM	MG/L	61	62	-	58	NOT RUN	NOT RUN
	IRON	UG/L	1629	174	89	1180	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	7	6	14	7	NOT RUN	NOT RUN
	MANGANESE	UG/L	956	1000	-	850	NOT RUN	NOT RUN
	SODIUM	MG/L	52	62	-	52	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 30

SAMPLE DATE ENDING 80/07/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	OTHER SLUDGE
CONVENTIONALS	BOD	MG/L	416	28	93	392	127	2989
	TOTAL SUSP. SOLIDS	MG/L	58	6	90	100	67	9570
	COD	MG/L	754	90	88	600	400	10500
	OIL & GREASE	MG/L	19	6	68	9	35	220
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	829	45	95	545	185	1395
	TOTAL SOLIDS	MG/L	701	544	22	678	587	11609
	TOTAL VOLATILE SOLIDS	MG/L	127	94	26	122	162	5008
	TOTAL VOL. SUS. SOLIDS	MG/L	36	4	89	90	50	3730
	AMMONIA NITROGEN	MG/L	19	9	53	13	11	15
	TOC	MG/L	231	28	88	140	56	1900
VOLATILES	BENZENE	UG/L	85	2	98	77	N-D	119
	CHLOROBENZENE	UG/L	121	2	98	105	N-D	142
	1,2-DICHLOROETHANE	UG/L	1689	990	41	42000	65	6070
	1,1,2-TRICHLOROETHANE	UG/L	6	L 1	83	5	N-D	N-D
	CHLOROFORM	UG/L	26	7	73	35	N-D	N-D
	ETHYLBENZENE	UG/L	19	2	89	43	77	34
	METHYLENE CHLORIDE	UG/L	11	37	-	4	1	63
	METHYL CHLORIDE	UG/L	110	L 25	77	85	N-D	N-D
	TOLUENE	UG/L	606	8	99	1500	46	493
	TRICHLOROETHYLENE	UG/L	4	L 1	75	5	N-D	N-D
	VINYL CHLORIDE	UG/L	21	L 20	5	24	N-D	N-D
ACID EXTRACT	PHENOL	UG/L	47	1	98	84	N-D	244
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 3	L 3	-	L 3	359	880
	BUTYL BENZYL PHTHALATE	UG/L	5	L 3	40	3	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	2	7	-	7	N-D	N-D
PESTICIDES	ALPHA-BHC	NG/L	70	L 50	29	L 200	N-D	N-D
	GAMMA-BHC	NG/L	50	L 50	-	L 200	N-D	N-D
	DELTA-BHC	NG/L	706	L 100	86	910	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	3	14
	ARSENIC	UG/L	L 50	L 50	-	L 50	4	890
	BERYLLIUM	UG/L	L 2	L 2	-	L 2	L 24	6
	CHROMIUM	UG/L	1059	42	96	515	L 380	15000
	COPPER	UG/L	29	L 2	93	18	130	4200
	CYANIDE	UG/L	1443	180	88	1020	1280	12900
	LEAD	UG/L	L 50	L 50	-	L 50	31	3800
	MERCURY	NG/L	400	L 200	50	500	L 5000	L 5000
	NICKEL	UG/L	60	L 10	83	30	L 180	1200
	SELENIUM	UG/L	L 50	L 50	-	L 50	L 1	1
	SILVER	UG/L	L 5	L 5	-	L 5	100	L 100
	ZINC	UG/L	1618	28	98	748	1500	420000
NON-CONV. METALS	ALUMINUM	UG/L	1435	86	94	631	NOT RUN	NOT RUN
	BARIUM	UG/L	42	10	76	44	NOT RUN	NOT RUN
	CALCIUM	MG/L	83	71	14	79	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 30

SAMPLE DATE ENDING 80/07/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	OTHER SLUDGE
NON-CONV. METALS	IRON	UG/L	1254	368	71	739	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	6	7	-	7	NOT RUN	NOT RUN
	MANGANESE	UG/L	1112	963	13	1010	NOT RUN	NOT RUN
	SODIUM	MG/L	78	69	12	75	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 30

SAMPLE DATE ENDING 80/07/16 0800 HOURS

FRACTION	PARAMETER	UNITS	COMBINED SLUDGE	SECONDARY SLUDGE	THICKENER OVERFLOW	TAP WATER
CONVENTIONALS	TOTAL SUSP. SOLIDS	MG/L	29290	NOT RUN	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	1400	NOT RUN	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	299	NOT RUN	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	38925	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	9510	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	4485	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	1300	NOT RUN	NOT RUN	NOT RUN
	TOC	MG/L	8550	NOT RUN	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	39	NOT RUN	NOT RUN	NOT RUN
	CHLOROBENZENE	UG/L	34	NOT RUN	NOT RUN	NOT RUN
	1,2-DICHLOROETHANE	UG/L	121	NOT RUN	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	1	NOT RUN	NOT RUN	NOT RUN
	TOLUENE	UG/L	81	NOT RUN	NOT RUN	NOT RUN
ACID EXTRACT	PHENOL	UG/L	12100	NOT RUN	NOT RUN	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	77	NOT RUN	NOT RUN	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	91	NOT RUN	NOT RUN	NOT RUN
	FLUORANTHENE	UG/L	14	NOT RUN	NOT RUN	NOT RUN
	NAPHTHALENE	UG/L	97	NOT RUN	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	158	NOT RUN	NOT RUN	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	225	NOT RUN	NOT RUN	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	1	NOT RUN	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	14	NOT RUN	NOT RUN	NOT RUN
	DIMETHYL PHTHALATE	UG/L	105	NOT RUN	NOT RUN	NOT RUN
	ANTHRACENE	UG/L	60	NOT RUN	NOT RUN	NOT RUN
	PHENANTHRENE	UG/L	60	NOT RUN	NOT RUN	NOT RUN
	PYRENE	UG/L	4	NOT RUN	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	2	NOT RUN	NOT RUN	NOT RUN
	ARSENIC	UG/L	1100	NOT RUN	NOT RUN	NOT RUN
	CADMIUM	UG/L	100	NOT RUN	NOT RUN	NOT RUN
	CHROMIUM	UG/L	7300	NOT RUN	NOT RUN	NOT RUN
	COPPER	UG/L	13000	NOT RUN	NOT RUN	NOT RUN
	CYANIDE	UG/L	63200	NOT RUN	NOT RUN	NOT RUN
	LEAD	UG/L	14000	NOT RUN	NOT RUN	NOT RUN
	MERCURY	NG/L	59000	NOT RUN	NOT RUN	NOT RUN
	NICKEL	UG/L	530	NOT RUN	NOT RUN	NOT RUN
	SELENIUM	UG/L	18	NOT RUN	NOT RUN	NOT RUN
	SILVER	UG/L	320	NOT RUN	NOT RUN	NOT RUN
	ZINC	UG/L	140000	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 30

SAMPLE DATE ENDING 80/07/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	OTHER SLUDGE
CONVENTIONALS	BOD	MG/L	347	25	93	344	503	3600
	TOTAL SUSP. SOLIDS	MG/L	60	14	77	80	935	8980
	COD	MG/L	641	160	75	560	1400	11300
	OIL & GREASE	MG/L	31	5	84	31	30	160
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	688	94	86	435	1767	1395
	TOTAL SOLIDS	MG/L	660	610	8	632	1516	10989
	TOTAL VOLATILE SOLIDS	MG/L	91	95	-	143	768	4875
	TOTAL VOL. SUS. SOLIDS	MG/L	45	6	87	65	420	3160
	AMMONIA NITROGEN	MG/L	13	6	54	12	12	17
	TOC	MG/L	103	31	70	170	290	1763
VOLATILES	BENZENE	UG/L	225	L 1	100	98	N-D	149
	CHLOROBENZENE	UG/L	735	9	99	540	N-D	687
	1,2-DICHLOROETHANE	UG/L	3858	1300	66	35000	82	7670
	1,1,2-TRICHLOROETHANE	UG/L	7	L 1	86	6	N-D	N-D
	CHLOROETHANE	UG/L	18	L 25	-	L 25	N-D	N-D
	2-CHLOROETHYL VINYL ETHER	UG/L	4	L 10	-	L 10	N-D	N-D
	CHLOROFORM	UG/L	37	5	86	44	N-D	32
	ETHYLBENZENE	UG/L	17	1	94	38	N-D	108
	METHYLENE CHLORIDE	UG/L	22	5	77	14	3	53
	METHYL CHLORIDE	UG/L	932	L 25	97	510	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	3	L 1	67	3	N-D	11
	TOLUENE	UG/L	1870	9	100	2000	390	1460
	TRICHLOROETHYLENE	UG/L	1	L 1	-	2	N-D	N-D
	VINYL CHLORIDE	UG/L	29	L 20	31	43	N-D	N-D
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	3	L 5	-	L 5	N-D	N-D
	PHENOL	UG/L	36	2	94	66	N-D	627
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	11	5	55	L 3	437	990
	BUTYL BENZYL PHTHALATE	UG/L	2	L 3	-	L 3	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	4	5	-	5	N-D	N-D
PESTICIDES	ALDRIN	NG/L	L 100	L 100	-	690	N-D	N-D
	GAMMA-BHC	NG/L	187	L 50	73	180	N-D	N-D
	DELTA-BHC	NG/L	L 100	100	-	820	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	1	15
	ARSENIC	UG/L	L 50	L 50	-	L 50	15	820
	CHROMIUM	UG/L	649	178	73	513	L 380	18000
	COPPER	UG/L	19	L 2	89	11	450	3700
	CYANIDE	UG/L	1418	110	92	1090	1240	5180
	LEAD	UG/L	L 50	L 50	-	L 50	410	3100
	MERCURY	NG/L	203	L 200	1	300	L 5000	L 5000
	NICKEL	UG/L	61	14	77	23	L 180	1500
	SELENIUM	UG/L	L 50	L 50	-	L 50	2	3
	SILVER	UG/L	3	L 5	-	L 5	L 100	L 100
	ZINC	UG/L	2013	54	97	1060	4700	220000

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/17
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 30

SAMPLE DATE ENDING 80/07/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	OTHER SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L	1488	93	94	892	NOT RUN	NOT RUN
	BARIUM	UG/L	40	14	65	35	NOT RUN	NOT RUN
	CALCIUM	MG/L	67	70	-	66	NOT RUN	NOT RUN
	IRON	UG/L	1225	567	54	360	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	7	8	-	7	NOT RUN	NOT RUN
	MANGANESE	UG/L	1114	993	11	1030	NOT RUN	NOT RUN
	SODIUM	MG/L	83	82	-	80	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/17
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 30

SAMPLE DATE ENDING 80/07/17 0800 HOURS

FRACTION	PARAMETER	UNITS	COMBINED SLUDGE	SECONDARY SLUDGE	THICKENER OVERFLOW	TAP WATER
CONVENTIONALS	BOD	MG/L	12979	6100	1434	3
	TOTAL SUSP. SOLIDS	MG/L	18585	9550	125	1
	COD	MG/L	17000	11200	500	24
	OIL & GREASE	MG/L	1500	380	29	L 1
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	833	47	833	32
	TOTAL SOLIDS	MG/L	21393	12185	435	98
	TOTAL VOLATILE SOLIDS	MG/L	4524	8248	195	17
	TOTAL VOL. SUS. SOLIDS	MG/L	2380	7570	90	1
	AMMONIA NITROGEN	MG/L	1090	15	12	L 1
	TOC	MG/L	5650	1960	145	7
VOLATILES	BENZENE	UG/L	11	N-D	80	L 1
	CHLOROBENZENE	UG/L	10	38	119	L 1
	1,2-DICHLOROETHANE	UG/L	20	1550	13000	L 1
	1,1,2-TRICHLOROETHANE	UG/L	N-D	N-D	3	L 1
	CHLOROFORM	UG/L	N-D	N-D	17	81
	1,2-DICHLOROPROPANE	UG/L	N-D	N-D	2	L 1
	ETHYLBENZENE	UG/L	11	6	9	L 1
	METHYLENE CHLORIDE	UG/L	3	8	5	L 3
	DICHLOROBROMOMETHANE	UG/L	N-D	N-D	L 1	7
	TETRACHLOROETHYLENE	UG/L	N-D	N-D	3	L 1
	TOLUENE	UG/L	23	1140	620	L 1
ACID EXTRACT	PHENOL	UG/L	5800	101	53	L 1
BASE-NEUTRALS	FLUORANTHENE	UG/L	N-D	3	L 4	L 4
	NAPHTHALENE	UG/L	N-D	2	L 3	L 3
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	1190	433	12	6
	DI-N-BUTYL PHTHALATE	UG/L	N-D	N-D	6	L 4
	1,2-BENZANTHRACENE	UG/L	N-D	3	L 5	L 5
	3,4-BENZOFLUORANTHENE	UG/L	N-D	2	L 5	L 5
	11,12-BENZOFLUORANTHENE	UG/L	N-D	2	L 5	L 5
	CHRYSENE	UG/L	N-D	3	L 5	L 5
	ACENAPHTHYLENE	UG/L	1140	N-D	L 10	L 10
	ANTHRACENE	UG/L	N-D	3	L 5	L 5
	PHENANTHRENE	UG/L	N-D	3	L 5	L 5
	PYRENE	UG/L	N-D	3	L 4	L 4
METALS	ANTIMONY	UG/L	21	NOT RUN	L 50	L 50
	ARSENIC	UG/L	550	NOT RUN	L 50	L 50
	CADMIUM	UG/L	17	51	L 2	L 2
	CHROMIUM	UG/L	7400	7000	204	L 5
	COPPER	UG/L	5400	3800	41	L 2
	CYANIDE	UG/L	46200	3820	10200	28
	LEAD	UG/L	5800	1900	L 50	L 50
	MERCURY	NG/L	L 5000	46000	700	L 200
	NICKEL	UG/L	840	480	16	L 10
	SILVER	UG/L	320	210	L 5	L 5
	ZINC	UG/L	110000	55000	2190	L 20

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/17
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 30

SAMPLE DATE ENDING 80/07/17 0800 HOURS

FRACTION	PARAMETER	UNITS	COMBINED SLUDGE	SECONDARY SLUDGE	THICKENER OVERFLOW	TAP WATER
NON-CONV. METALS	ALUMINUM	UG/L	NOT RUN	NOT RUN	2150	63
	BARIUM	UG/L	NOT RUN	NOT RUN	107	23
	CALCIUM	MG/L	NOT RUN	NOT RUN	57	17
	IRON	UG/L	NOT RUN	NOT RUN	2980	L 50
	MAGNESIUM	MG/L	NOT RUN	NOT RUN	8	L 2
	MANGANESE	UG/L	NOT RUN	NOT RUN	1010	4
	SODIUM	MG/L	NOT RUN	NOT RUN	53	4

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/17
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N D-NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 30

SAMPLE DATE ENDING 80/07/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	OTHER SLUDGE
CONVENTIONALS	BOD	MG/L	282	20	93	254	289	3344
	TOTAL SUSP. SOLIDS	MG/L	70	7	90	85	295	12200
	COD	MG/L	543	100	82	450	400	12600
	OIL & GREASE	MG/L	24	5	79	30	20	600
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1565	118	92	1089	118	2926
	TOTAL SOLIDS	MG/L	781	610	22	716	733	13632
	TOTAL VOLATILE SOLIDS	MG/L	153	90	41	127	280	5732
	TOTAL VOL. SUS. SOLIDS	MG/L	43	4	91	45	185	4420
	AMMONIA NITROGEN	MG/L	17	4	76	12	11	15
	TOC	MG/L	129	32	75	150	70	1900
VOLATILES	BENZENE	UG/L	290	L 1	100	230	N-D	211
	CHLOROBENZENE	UG/L	476	3	99	230	N-D	430
	1,2-DICHLOROETHANE	UG/L	3019	1300	57	7900	94	8070
	1,1,2-TRICHLOROETHANE	UG/L	9	L 1	89	6	N-D	N-D
	CHLOROFORM	UG/L	33	5	85	33	N-D	26
	ETHYLBENZENE	UG/L	10	L 1	90	7	N-D	46
	METHYLENE CHLORIDE	UG/L	L 3	11	-	12	N-D	41
	BROMOFORM	UG/L	42	4	90	L 1	N-D	N-D
	DICHLOROBROMOMETHANE	UG/L	3	3	-	L 1	N-D	N-D
	CHLORODIBROMOMETHANE	UG/L	L 1	4	-	L 1	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	1	L 1	-	1	N-D	5
	TOLUENE	UG/L	794	1	100	530	N-D	894
	TRICHLOROETHYLENE	UG/L	2	L 1	50	2	N-D	8
ACID EXTRACT	PHENOL	UG/L	179	3	98	390	N-D	724
BASE-NEUTRALS	1,2-DIPHENYLHYDRAZINE	UG/L	26	L 10	62	L 10	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	6	5	17	8	246	1200
	DI-N-BUTYL PHTHALATE	UG/L	4	L 4	-	5	N-D	N-D
PESTICIDES	HEPTACHLOR	NG/L	L 100	180	-	L 400	N-D	N-D
	ALPHA-BHC	NG/L	148	L 50	66	L 200	N-D	N-D
	GAMMA-BHC	NG/L	98	L 50	49	L 200	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	L 1	24
	ARSENIC	UG/L	L 50	L 50	-	L 50	6	870
	CHROMIUM	UG/L	214	60	72	222	L 380	14000
	COPPER	UG/L	23	L 2	91	16	180	4200
	CYANIDE	UG/L	1564	112	93	1210	641	4610
	LEAD	UG/L	L 50	L 50	-	L 50	140	3600
	MERCURY	NG/L	188	L 200	-	200	L 5000	L 5000
	NICKEL	UG/L	42	25	40	34	L 180	1600
	SELENIUM	UG/L	L 50	L 50	-	L 50	1	7
	ZINC	UG/L	2869	22	99	1670	1700	370000
NON-CONV. METALS	ALUMINUM	UG/L	1886	82	96	1170	NOT RUN	NOT RUN
	BARIUM	UG/L	46	12	74	39	NOT RUN	NOT RUN
	CALCIUM	MG/L	89	73	18	83	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 30

SAMPLE DATE ENDING 80/07/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	OTHER SLUDGE
NON-CONV. METALS	IRON	UG/L	1359	406	70	998	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	7	7	-	7	NOT RUN	NOT RUN
	MANGANESE	UG/L	1283	1020	20	1170	NOT RUN	NOT RUN
	SODIUM	MG/L	85	80	6	83	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 30

SAMPLE DATE ENDING 80/07/18 0800 HOURS

FRACTION	PARAMETER	UNITS	COMBINED SLUDGE	SECONDARY SLUDGE	THICKENER OVERFLOW	TAP WATER
CONVENTIONALS	BOD	MG/L	18222	4317	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	22530	8940	NOT RUN	NOT RUN
	COD	MG/L	30000	11200	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	1500	1150	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	159	' 524	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	30658	11083	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	9361	7427	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	4165	5710	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	1442	20	NOT RUN	NOT RUN
	TOC	MG/L	7350	1980	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	22	N-D	NOT RUN	NOT RUN
	CHLOROBENZENE	UG/L	N-D	12	NOT RUN	NOT RUN
	1,2-DICHLOROETHANE	UG/L	19	1590	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	3	2	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	1	5	NOT RUN	NOT RUN
	TOLUENE	UG/L	19	30	NOT RUN	NOT RUN
ACID EXTRACT	PHENOL	UG/L	5030	140	NOT RUN	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	236	650	NOT RUN	NOT RUN
	ACENAPHTHYLENE	UG/L	1390	N-D	NOT RUN	NOT RUN
	PYRENE	UG/L	N-D	6	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	41	26	NOT RUN	NOT RUN
	ARSENIC	UG/L	820	180	NOT RUN	NOT RUN
	BERYLLIUM	UG/L	32	L 7	NOT RUN	NOT RUN
	CADMIUM	UG/L	65	20	NOT RUN	NOT RUN
	CHROMIUM	UG/L	21000	4700	NOT RUN	NOT RUN
	COPPER	UG/L	18000	4000	NOT RUN	NOT RUN
	CYANIDE	UG/L	56900	2060	NOT RUN	NOT RUN
	LEAD	UG/L	6700	1800	NOT RUN	NOT RUN
	MERCURY	NG/L	9000	L 3000	NOT RUN	NOT RUN
	NICKEL	UG/L	1300	170	NOT RUN	NOT RUN
	SELENIUM	UG/L	9	1	NOT RUN	NOT RUN
	SILVER	UG/L	210	L 120	NOT RUN	NOT RUN
	ZINC	UG/L	34000	66000	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 30

SAMPLE DATE ENDING 80/07/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	OTHER SLUDGE
CONVENTIONALS	BOD	MG/L	264	20	92	266	157	3033
	TOTAL SUSP. SOLIDS	MG/L	44	4	91	115	104	12500
	COD	MG/L	366	64	83	400	320	12500
	OIL & GREASE	MG/L	22	5	77	30	35	300
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	987	81	92	924	763	4330
	TOTAL SOLIDS	MG/L	805	683	15	746	576	12650
	TOTAL VOLATILE SOLIDS	MG/L	102	92	10	116	209	5361
	TOTAL VOL. SUS. SOLIDS	MG/L	25	3	88	55	67	5050
	AMMONIA NITROGEN	MG/L	17	7	59	13	11	NOT RUN
	TOC	MG/L	132	29	78	150	56	1175
VOLATILES	BENZENE	UG/L	293	4	99	150	N-D	278
	CHLOROBENZENE	UG/L	209	1	100	120	N-D	643
	1,2-DICHLOROETHANE	UG/L	39876	3500	91	28000	69	6750
	1,1,2-TRICHLOROETHANE	UG/L	7	L 1	86	6	N-D	N-D
	CHLOROFORM	UG/L	47	4	91	58	N-D	31
	ETHYLBENZENE	UG/L	33	1	97	24	N-D	98
	METHYLENE CHLORIDE	UG/L	5	L 3	40	6	N-D	28
	METHYL CHLORIDE	UG/L	419	250	40	85	N-D	N-D
	BROMOFORM	UG/L	L 1	5	-	L 1	N-D	N-D
	DICHLOROBROMOMETHANE	UG/L	L 1	2	-	L 1	N-D	N-D
	CHLORODIBROMOMETHANE	UG/L	L 1	4	-	L 1	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	1	L 1	-	3	6	9
	TOLUENE	UG/L	682	4	99	330	N-D	725
	TRICHLOROETHYLENE	UG/L	2	L 1	50	2	N-D	11
	VINYL CHLORIDE	UG/L	162	L 20	88	42	N-D	N-D
ACID EXTRACT	PHENOL	UG/L	382	2	99	320	N-D	N-D
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	34	13	62	14	119	600
	DI-N-BUTYL PHTHALATE	UG/L	2	L 4	-	5	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	2	16
	ARSENIC	UG/L	L 50	L 50	-	L 50	4	730
	CADMIUM	UG/L	L 2	L 2	-	L 2	L 6	11
	CHROMIUM	UG/L	162	33	80	162	L 380	7100
	COPPER	UG/L	6	L 2	67	19	200	44000
	CYANIDE	UG/L	1663	135	92	1290	462	4020
	LEAD	UG/L	L 50	L 50	-	L 50	110	2700
	MERCURY	NG/L	262	L 200	24	300	L 5000	L 5000
	NICKEL	UG/L	55	25	55	40	L 180	2300
	SELENIUM	UG/L	L 50	L 50	-	L 50	L 1	7
	SILVER	UG/L	L 5	L 5	-	L 5	L 100	290
	ZINC	UG/L	2469	25	99	1500	1100	440000
NON-CONV. METALS	ALUMINUM	UG/L	1574	56	96	1090	NOT RUN	NOT RUN
	BARIUM	UG/L	37	13	65	39	NOT RUN	NOT RUN
	CALCIUM	MG/L	105	88	16	94	NOT RUN	NOT RUN
	IRON	UG/L	1037	279	73	906	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 30

SAMPLE DATE ENDING 80/07/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	OTHER SLUDGE
NON-CONV. METALS	MAGNESIUM	MG/L	8	8	-	8	NOT RUN	NOT RUN
	MANGANESE	UG/L	1713	1160	32	1440	NOT RUN	NOT RUN
	SODIUM	MG/L	93	95	-	95	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 30

SAMPLE DATE ENDING 80/07/19 0800 HOURS

FRACTION	PARAMETER	UNITS	COMBINED SLUDGE	SECONDARY SLUDGE	THICKENER OVERFLOW	TAP WATER
CONVENTIONALS	BOD	MG/L	NOT RUN	4078	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	NOT RUN	8440	NOT RUN	NOT RUN
	COD	MG/L	NOT RUN	11200	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	NOT RUN	750	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	NOT RUN	131	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	NOT RUN	10430	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	NOT RUN	6922	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	NOT RUN	5370	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	NOT RUN	16	NOT RUN	NOT RUN
	TOC	MG/L	NOT RUN	1625	NOT RUN	NOT RUN
VOLATILES	CHLOROBENZENE	UG/L	NOT RUN	1	NOT RUN	NOT RUN
	1,2-DICHLOROETHANE	UG/L	NOT RUN	1590	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	NOT RUN	2	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	NOT RUN	7	NOT RUN	NOT RUN
	TOLUENE	UG/L	NOT RUN	3	NOT RUN	NOT RUN
ACID EXTRACT	PHENOL	UG/L	NOT RUN	95	NOT RUN	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	NOT RUN	212	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	NOT RUN	8	NOT RUN	NOT RUN
	ARSENIC	UG/L	NOT RUN	17	NOT RUN	NOT RUN
	BERYLLIUM	UG/L	NOT RUN	6	NOT RUN	NOT RUN
	CADMIUM	UG/L	NOT RUN	6	NOT RUN	NOT RUN
	CHROMIUM	UG/L	NOT RUN	5700	NOT RUN	NOT RUN
	COPPER	UG/L	NOT RUN	3600	NOT RUN	NOT RUN
	CYANIDE	UG/L	NOT RUN	2630	NOT RUN	NOT RUN
	LEAD	UG/L	NOT RUN	970	NOT RUN	NOT RUN
	NICKEL	UG/L	NOT RUN	270	NOT RUN	NOT RUN
	SILVER	UG/L	NOT RUN	120	NOT RUN	NOT RUN
	ZINC	UG/L	NOT RUN	88000	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 30

SAMPLE DATE ENDING 80/07/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	OTHER SLUDGE
CONVENTIONALS	BOD	MG/L	296	23	92	242	947	3700
	TOTAL SUSP. SOLIDS	MG/L	45	4	91	85	2910	12020
	COD	MG/L	490	80	84	450	1100	12000
	OIL & GREASE	MG/L	17	2	88	24	90	520
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	961	448	53	490	693	4765
	TOTAL SOLIDS	MG/L	726	710	2	776	3047	13364
	TOTAL VOLATILE SOLIDS	MG/L	103	76	26	120	596	5930
	TOTAL VOL. SUS. SOLIDS	MG/L	17	2	88	55	520	4840
	AMMONIA NITROGEN	MG/L	12	7	42	12	31	16
	TOC	MG/L	137	29	79	120	250	1450
VOLATILES	BENZENE	UG/L	268	L 1	100	150	4	387
	CHLOROBENZENE	UG/L	61	L 1	98	52	N-D	255
	1,2-DICHLOROETHANE	UG/L	30480	3300	89	19000	251	7630
	1,1,2-TRICHLOROETHANE	UG/L	71	L 1	99	5	N-D	N-D
	CHLOROFORM	UG/L	18	2	89	15	N-D	11
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	L 1	6	N-D
	ETHYLBENZENE	UG/L	46	1	98	35	6	171
	METHYLENE CHLORIDE	UG/L	1	L 3	-	3	1	23
	METHYL CHLORIDE	UG/L	356	130	63	71	N-D	N-D
	METHYL BROMIDE	UG/L	19	L 20	-	L 20	N-D	N-D
	DICHLOROBROMOMETHANE	UG/L	L 1	2	-	L 1	N-D	N-D
	CHLORODIBROMOMETHANE	UG/L	L 1	1	-	L 1	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	N-D	3
	TOLUENE	UG/L	248	L 1	100	180	3168	423
	TRICHLOROETHYLENE	UG/L	1	L 1	-	L 1	N-D	5
	VINYL CHLORIDE	UG/L	206	L 20	90	56	N-D	N-D
ACID EXTRACT	PHENOL	UG/L	82	1	99	110	N-D	N-D
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	16	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	18	28	-	25	31	1200
	DI-N-BUTYL PHTHALATE	UG/L	2	L 4	-	L 4	N-D	N-D
	DIMETHYL PHTHALATE	UG/L	4	L 5	-	10	N-D	N-D
	PYRENE	UG/L	L 4	L 4	-	L 4	31	N-D
PESTICIDES	ALDRIN	NG/L	14	L 100	-	510	N-D	N-D
	ALPHA-BHC	NG/L	L 10	140	-	L 200	N-D	N-D
	DELTA-BHC	NG/L	371	L 100	73	580	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	3	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	18	910
	CADMIUM	UG/L	L 2	L 2	-	L 2	L 6	19
	CHROMIUM	UG/L	98	26	73	185	510	19000
	COPPER	UG/L	9	L 2	78	47	510	3500
	CYANIDE	UG/L	2105	130	94	1450	1080	5280
	LEAD	UG/L	L 50	L 50	-	L 50	540	3400
	MERCURY	NG/L	L 200	L 200	-	300	L 5000	L 5000
	NICKEL	UG/L	60	17	72	52	300	2400

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/20
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 30

SAMPLE DATE ENDING 80/07/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	OTHER SLUDGE
METALS	SELENIUM	UG/L	L 50	L 50	-	L 50	1	4
	SILVER	UG/L	L 5	L 5	-	L 5	L 100	110
	ZINC	UG/L	3451	32	99	2690	4200	230000
NON-CONV. METALS	ALUMINUM	UG/L	1224	62	95	1760	NOT RUN	NOT RUN
	BARIUM	UG/L	40	12	70	57	NOT RUN	NOT RUN
	CALCIUM	MG/L	90	90	-	85	NOT RUN	NOT RUN
	IRON	UG/L	1081	227	79	1490	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	7	7	-	7	NOT RUN	NOT RUN
	MANGANESE	UG/L	1549	1130	27	1240	NOT RUN	NOT RUN
	SODIUM	MG/L	91	98	-	88	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/20
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 31

SAMPLE DATE ENDING 80/07/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	100	11	89	16	2974	2941	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	44	12	73	16	4370	6180	NOT RUN
	COD	MG/L	250	120	52	70	9000	11200	NOT RUN
	OIL & GREASE	MG/L	27	4	85	24	800	440	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	289	106	63	32	356	243	NOT RUN
	TOTAL SOLIDS	MG/L	390	290	26	285	6437	7008	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	260	275	-	290	540	590	NOT RUN
	SETTLEABLE SOLIDS	ML/L	L 1	L 1	-	L 1	450	840	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	164	64	61	60	4698	5187	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	75	50	33	46	60	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	32	10	69	11	2860	4590	NOT RUN
	AMMONIA NITROGEN	MG/L	5	5	-	7	10	9	NOT RUN
	TOC	MG/L	85	20	76	23	875	1413	NOT RUN
VOLATILES	BENZENE	UG/L	7	2	71	3	4	N-D	NOT RUN
	1,2-DICHLOROETHANE	UG/L	N-D	N-D	-	N-D	10	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	54	5	91	7	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	N-D	N-D	-	N-D	14	3	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	N-D	N-D	-	N-D	6	N-D	NOT RUN
	CHLOROFORM	UG/L	7	N-D	99+	1	12	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	N-D	99+	N-D	187	44	NOT RUN
	ETHYLBENZENE	UG/L	5	N-D	99+	N-D	13	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	93	I 48	48	47	92	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	94	27	71	28	N-D	N-D	NOT RUN
	TOLUENE	UG/L	45	5	89	4	196	844	NOT RUN
	TRICHLOROETHYLENE	UG/L	23	N-D	99+	N-D	45	N-D	NOT RUN
ACID EXTRACT	PHENOL	UG/L	23	N-D	99+	N-D	180	N-D	NOT RUN
BASE-NEUTRALS	HEXACHLOROBENZENE	UG/L	N-D	N-D	-	N-D	N-D	89	NOT RUN
	FLUORANTHENE	UG/L	N-D	N-D	-	N-D	40	11	NOT RUN
	NAPHTHALENE	UG/L	69	N-D	99+	N-D	42	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	39	5	87	6	1200	420	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	N-D	N-D	-	N-D	140	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	N-D	1	-	5	140	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	9	N-D	99+	N-D	N-D	N-D	NOT RUN
	DIMETHYL PHTHALATE	UG/L	110	N-D	99+	N-D	N-D	N-D	NOT RUN
	1,2-BENZANTHRACENE	UG/L	N-D	N-D	-	3	N-D	N-D	NOT RUN
	CHRYSENE	UG/L	N-D	N-D	-	3	39	N-D	NOT RUN
	PHENANTHRENE	UG/L	N-D	N-D	-	N-D	53	N-D	NOT RUN
	INDENO(1,2,3-C,D) PYRENE	UG/L	N-D	N-D	-	4	N-D	N-D	NOT RUN
	PYRENE	UG/L	N-D	N-D	-	N-D	40	12	NOT RUN
METALS	ANTIMONY	UG/L	9	4	56	3	L 1	31	NOT RUN
	ARSENIC	UG/L	3	4	-	4	35	32	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	L 2	50	69	NOT RUN
	CHROMIUM	UG/L	69	26	62	33	2700	4200	NOT RUN
	COPPER	UG/L	132	33	75	18	3700	12000	NOT RUN
	CYANIDE	UG/L	402	146	64	301	2660	2030	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/22
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 31

SAMPLE DATE ENDING 80/07/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
METALS	LEAD	UG/L	L 40	L 40	-	L 40	4800	5400	NOT RUN
	MERCURY	NG/L	L 1000	L 1000	-	L 1000	8000	27000	NOT RUN
	NICKEL	UG/L	8	L 5	38	L 5	500	520	NOT RUN
	SELENIUM	UG/L	2	L 1	50	1	3	4	NOT RUN
	SILVER	UG/L	4	L 1	75	1	110	200	NOT RUN
	ZINC	UG/L	127	46	64	45	1600	1900	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	908	116	87	120	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	33	16	52	17	NOT RUN	NOT RUN	NOT RUN
	BORON	UG/L	150	202	-	75	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	16	17	-	17	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	910	262	71	314	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3	3	-	3	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	164	156	5	162	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	52	58	-	55	NOT RUN	NOT RUN	NOT RUN
	TIN	UG/L	92	44	52	37	NOT RUN	NOT RUN	NOT RUN
	TITANIUM	UG/L	3	L 2	33	2	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/22
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 33

SAMPLE DATE ENDING 80/08/27 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE
CONVENTIONALS	BOD	MG/L	126	12	90	104	50000
	TOTAL SUSP. SOLIDS	MG/L	NOT RUN	12	-	23	30351
	COD	MG/L	240	40	83	180	78000
	OIL & GREASE	MG/L	21	24	-	15	18000
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	136	57	58	222	3436
	TOTAL SOLIDS	MG/L	869	790	9	836	70574
	TOTAL DISS. SOLIDS	MG/L	NOT RUN	760	-	760	7544
	TOTAL VOLATILE SOLIDS	MG/L	NOT RUN	32	-	712	47912
	VOLATILE DISS. SOLIDS	MG/L	NOT RUN	92	-	176	6667
	TOTAL VOL. SUS. SOLIDS	MG/L	NOT RUN	7	-	17	22807
	AMMONIA NITROGEN	MG/L	12	11	8	11	51
	TOC	MG/L	30	27	10	50	5320
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	70
	1,1,1-TRICHLOROETHANE	UG/L	L 1	L 1	-	4	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	65
	CHLOROFORM	UG/L	1	1	-	L 1	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	76
	ETHYLBENZENE	UG/L	L 1	L 1	-	L 1	32
	METHYLENE CHLORIDE	UG/L	L 3	4	-	5	69
	TETRACHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	10
	TOLUENE	UG/L	9	L 1	89	5	123
	TRICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	56
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	L 5	8	-	L 5	380
	PHENOL	UG/L	7	1	86	9	N-D
BASE-NEUTRALS	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	20
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	154
	NAPHTHALENE	UG/L	L 3	L 3	-	L 3	132
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	5	L 3	40	5	6160
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	L 3	950
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	L 4	724
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	175
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	175
	PYRENE	UG/L	L 4	L 4	-	L 4	128
PESTICIDES	BETA-BHC	NG/L	L 20	180	-	L 20	N-D
	GAMMA-BHC	NG/L	230	L 20	91	L 20	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	100
	ARSENIC	UG/L	L 50	L 50	-	L 50	250
	CADMIUM	UG/L	L 2	L 2	-	L 2	40
	CHROMIUM	UG/L	L 5	L 5	-	9	L 500
	COPPER	UG/L	33	L 2	94	46	8100
	CYANIDE	UG/L	2110	92	96	725	19600
	LEAD	UG/L	L 50	L 50	-	L 50	8200
	MERCURY	NG/L	L 200	L 200	-	L 200	37000
	NICKEL	UG/L	L 10	L 10	-	L 10	210

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/27
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 31

SAMPLE DATE ENDING 80/07/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	128	7	95	12	3024	2635	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	103	11	89	12	5340	6270	NOT RUN
	COD	MG/L	330	70	79	70	8200	8200	NOT RUN
	OIL & GREASE	MG/L	30	4	87	26	820	460	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	167	75	55	45	510	145	NOT RUN
	TOTAL SOLIDS	MG/L	417	312	25	284	5661	6687	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	300	570	-	280	390	525	NOT RUN
	SETTLEABLE SOLIDS	ML/L	2	L 1	50	L 1	570	900	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	166	75	55	59	4117	4957	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	100	25	75	30	75	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	78	9	88	8	3580	4670	NOT RUN
	AMMONIA NITROGEN	MG/L	6	6	-	6	8	9	NOT RUN
	TOC	MG/L	90	25	72	20	400	1150	NOT RUN
VOLATILES	BENZENE	UG/L	6	2	67	1	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	20	4	80	10	12	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	N-D	N-D	-	N-D	7	33	NOT RUN
	CHLOROFORM	UG/L	6	1	83	2	7	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	N-D	99+	N-D	43	2	NOT RUN
	ETHYLBENZENE	UG/L	12	N-D	99+	N-D	25	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	64	23	64	49	10	1	NOT RUN
	TETRACHLOROETHYLENE	UG/L	100	5	95	N-D	N-D	N-D	NOT RUN
	TOLUENE	UG/L	27	5	81	N-D	5	32	NOT RUN
	TRICHLOROETHYLENE	UG/L	43	1	98	N-D	62	8	NOT RUN
ACID EXTRACT	PHENOL	UG/L	20	N-D	99+	N-D	380	N-D	NOT RUN
BASE-NEUTRALS	ACENAPHTHENE	UG/L	10	N-D	99+	N-D	N-D	N-D	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	270	N-D	99+	N-D	N-D	N-D	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	N-D	N-D	-	N-D	23	N-D	NOT RUN
	FLUORANTHENE	UG/L	N-D	N-D	-	N-D	33	N-D	NOT RUN
	NAPHTHALENE	UG/L	23	N-D	99+	N-D	25	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	6	230	-	6	1300	1100	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	N-D	N-D	-	N-D	280	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	13	1	92	N-D	2900	660	NOT RUN
	DIETHYL PHTHALATE	UG/L	1	1	-	N-D	24	18	NOT RUN
	DIMETHYL PHTHALATE	UG/L	8	N-D	99+	N-D	N-D	N-D	NOT RUN
	CHRYSENE	UG/L	N-D	N-D	-	N-D	39	N-D	NOT RUN
	ANTHRACENE	UG/L	1	N-D	99+	N-D	N-D	N-D	NOT RUN
	PHENANTHRENE	UG/L	1	N-D	99+	N-D	51	16	NOT RUN
	PYRENE	UG/L	N-D	N-D	-	N-D	36	16	NOT RUN
METALS	ANTIMONY	UG/L	7	3	57	2	120	94	NOT RUN
	ARSENIC	UG/L	3	3	-	15	49	37	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	L 2	60	47	NOT RUN
	CHROMIUM	UG/L	125	30	76	35	2300	4900	NOT RUN
	COPPER	UG/L	222	33	85	37	3700	7400	NOT RUN
	CYANIDE	UG/L	350	145	59	308	2040	1690	NOT RUN
	LEAD	UG/L	L 40	L 40	-	L 40	3400	3800	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/23

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 31

SAMPLE DATE ENDING 80/07/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
METALS	NICKEL	UG/L	5	L 5	-	L 5	L 180	L 180	NOT RUN
	SELENIUM	UG/L	9	1	89	1	2	2	NOT RUN
	SILVER	UG/L	3	2	33	1	120	190	NOT RUN
	ZINC	UG/L	92	41	55	46	1900	1200	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1680	52	97	138	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	41	14	66	17	NOT RUN	NOT RUN	NOT RUN
	BORON	UG/L	168	216	-	505	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	17	17	-	17	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	969	394	59	484	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3	3	-	3	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	189	176	7	179	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	63	61	3	61	NOT RUN	NOT RUN	NOT RUN
	TIN	UG/L	104	66	37	60	NOT RUN	NOT RUN	NOT RUN
	TITANIUM	UG/L	9	L 2	78	3	NOT RUN	NOT RUN	NOT RUN
	VANADIUM	UG/L	3	L 1	67	L 1	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/23
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 31

SAMPLE DATE ENDING 80/07/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	158	12	92	20	3385	3359	2
	TOTAL SUSP. SOLIDS	MG/L	163	12	93	24	4850	5260	2
	COD	MG/L	420	70	83	25	13000	8600	NOT RUN
	OIL & GREASE	MG/L	32	6	81	22	820	160	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	179	57	68	14	566	257	32
	TOTAL SOLIDS	MG/L	501	313	38	313	4976	5661	106
	TOTAL DISS. SOLIDS	MG/L	265	300	-	295	710	400	93
	SETTLEABLE SOLIDS	ML/L	10	L 1	90	L 1	740	640	L 1
	TOTAL VOLATILE SOLIDS	MG/L	225	61	73	70	3589	4212	37
	VOLATILE DISS. SOLIDS	MG/L	25	95	-	60	420	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	120	11	91	18	2890	3960	NOT RUN
	AMMONIA NITROGEN	MG/L	5	5	-	6	11	12	L 1
	TOC	MG/L	80	22	72	24	1030	900	11
VOLATILES	BENZENE	UG/L	5	2	60	2	N-D	N-D	1
	1,2-DICHLOROETHANE	UG/L	1	N-D	99+	N-D	N-D	2	N-D
	1,1,1-TRICHLOROETHANE	UG/L	13	3	77	4	100	N-D	2
	1,1-DICHLOROETHANE	UG/L	N-D	N-D	-	N-D	4	1	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	N-D	N-D	-	N-D	5	16	N-D
	CHLOROFORM	UG/L	4	2	50	N-D	12	N-D	36
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	N-D	99+	N-D	87	6	N-D
	ETHYLBENZENE	UG/L	N-D	N-D	-	N-D	2	N-D	N-D
	METHYLENE CHLORIDE	UG/L	32	35	-	32	36	N-D	6
	DICHLOROBROMOMETHANE	UG/L	N-D	N-D	-	N-D	N-D	N-D	5
	DICHLORODIFLUOROMETHANE	UG/L	N-D	N-D	-	N-D	N-D	17	N-D
	TETRACHLOROETHYLENE	UG/L	43	5	88	5	N-D	N-D	N-D
	TOLUENE	UG/L	34	4	88	5	66	131	4
	TRICHLOROETHYLENE	UG/L	15	N-D	99+	1	85	3	N-D
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	N-D	2	-	N-D	N-D	N-D	N-D
	PHENOL	UG/L	110	1	99	N-D	350	N-D	N-D
BASE-NEUTRALS	ACENAPHTHENE	UG/L	8	N-D	99+	N-D	N-D	N-D	N-D
	1,2-DICHLOROBENZENE	UG/L	N-D	N-D	-	N-D	31	N-D	N-D
	1,3-DICHLOROBENZENE	UG/L	230	N-D	99+	N-D	N-D	N-D	N-D
	1,4-DICHLOROBENZENE	UG/L	N-D	N-D	-	N-D	41	N-D	N-D
	FLUORANTHENE	UG/L	N-D	N-D	-	N-D	33	N-D	N-D
	NAPHTHALENE	UG/L	15	N-D	99+	N-D	32	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	6	1	83	83	2100	980	N-D
	BUTYL BENZYL PHTHALATE	UG/L	N-D	N-D	-	4	470	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	4	N-D	99+	2	4600	611	N-D
	DIETHYL PHTHALATE	UG/L	N-D	N-D	-	N-D	40	18	N-D
	DIMETHYL PHTHALATE	UG/L	4	N-D	99+	N-D	N-D	N-D	N-D
	CHRYSENE	UG/L	N-D	N-D	-	N-D	58	N-D	N-D
	PHENANTHRENE	UG/L	N-D	N-D	-	N-D	59	11	N-D
	PYRENE	UG/L	N-D	N-D	-	N-D	29	12	N-D
METALS	ANTIMONY	UG/L	20	7	65	4	240	130	L 1
	ARSENIC	UG/L	3	2	33	3	55	37	2

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/24
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 31

SAMPLE DATE ENDING 80/07/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
METALS	CADMIUM	UG/L	L 2	L 2	-	L 2	69	39	L 2
	CHROMIUM	UG/L	169	31	82	36	1700	2400	6
	COPPER	UG/L	255	36	86	45	1500	6400	48
	CYANIDE	UG/L	688	154	78	443	3160	2060	23
	LEAD	UG/L	53	L 40	25	L 40	6000	3200	L 40
	MERCURY	NG/L	L 1000	L 1000	-	L 1000	L 5000	10000	L 1000
	NICKEL	UG/L	7	L 5	29	L 5	L 180	L 180	L 5
	SELENIUM	UG/L	1	2	-	1	2	4	L 1
	SILVER	UG/L	6	L 1	83	2	160	190	L 1
	ZINC	UG/L	135	34	75	50	1400	1500	77
NON-CONV. METALS	ALUMINUM	UG/L	2790	149	95	170	NOT RUN	NOT RUN	49
	BARIUM	UG/L	59	12	80	15	NOT RUN	NOT RUN	55
	BORON	UG/L	516	241	53	189	NOT RUN	NOT RUN	L 2
	CALCIUM	MG/L	19	17	11	18	NOT RUN	NOT RUN	15
	IRON	UG/L	1490	733	51	997	NOT RUN	NOT RUN	113
	MAGNESIUM	MG/L	3	3	-	3	NOT RUN	NOT RUN	2
	MANGANESE	UG/L	219	196	11	205	NOT RUN	NOT RUN	54
	SODIUM	MG/L	70	68	3	67	NOT RUN	NOT RUN	13
	TIN	UG/L	140	L 25	82	L 25	NOT RUN	NOT RUN	L 25
	TITANIUM	UG/L	18	L 2	89	L 2	NOT RUN	NOT RUN	L 2
	VANADIUM	UG/L	5	L 1	80	3	NOT RUN	NOT RUN	3

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/24
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 31

SAMPLE DATE ENDING 80/07/25 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	160	15	91	25	2494	1763	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	165	33	80	65	5180	5410	NOT RUN
	COD	MG/L	500	130	74	150	11600	9400	NOT RUN
	OIL & GREASE	MG/L	32	4	88	18	1040	1420	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	338	112	67	545	875	285	NOT RUN
	TOTAL SOLIDS	MG/L	506	371	27	377	5243	5473	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	325	320	2	270	630	975	NOT RUN
	SETTLEABLE SOLIDS	ML/L	8	L 1	88	L 1	680	760	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	207	88	57	87	3728	4736	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	110	50	55	25	500	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	135	26	81	48	2480	4160	NOT RUN
	AMMONIA NITROGEN	MG/L	5	5	-	7	12	15	NOT RUN
	TOC	MG/L	100	23	77	32	493	1150	NOT RUN
VOLATILES	BENZENE	UG/L	1	2	-	2	7	N-D	NOT RUN
	1,2-DICHLOROETHANE	UG/L	5	N-D	99+	N-D	N-D	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	12	3	75	3	N-D	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	N-D	N-D	-	N-D	3	36	NOT RUN
	CHLOROFORM	UG/L	5	1	80	N-D	4	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	25	N-D	99+	N-D	80	3	NOT RUN
	ETHYLBENZENE	UG/L	N-D	N-D	-	18	25	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	250	19	92	21	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	40	3	92	3	N-D	N-D	NOT RUN
	TOLUENE	UG/L	12	5	58	N-D	67	121	NOT RUN
	TRICHLOROETHYLENE	UG/L	40	2	95	3	66	20	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	2	1	50	N-D	N-D	N-D	NOT RUN
	PHENOL	UG/L	75	N-D	99+	N-D	420	N-D	NOT RUN
BASE-NEUTRALS,	ACENAPHTHENE	UG/L	3	N-D	99+	N-D	N-D	N-D	NOT RUN
	FLUORANTHENE	UG/L	N-D	N-D	-	N-D	26	N-D	NOT RUN
	NAPHTHALENE	UG/L	1	N-D	99+	N-D	100	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	21	16	24	N-D	2400	1900	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	N-D	2	-	N-D	540	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	15	97	-	N-D	1600	102	NOT RUN
	DIETHYL PHTHALATE	UG/L	2	1	50	N-D	N-D	36	NOT RUN
	CHRYSENE	UG/L	N-D	N-D	-	N-D	74	N-D	NOT RUN
	PHENANTHRENE	UG/L	N-D	N-D	-	N-D	45	N-D	NOT RUN
	PYRENE	UG/L	N-D	N-D	-	N-D	25	15	NOT RUN
METALS	ANTIMONY	UG/L	8	5	38	6	150	120	NOT RUN
	ARSENIC	UG/L	2	4	-	3	54	37	NOT RUN
	BERYLLIUM	UG/L	L 1	L 1	-	L 1	29	L 24	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	L 2	82	45	NOT RUN
	CHROMIUM	UG/L	123	60	51	80	4500	4700	NOT RUN
	COPPER	UG/L	235	89	62	128	1100	4600	NOT RUN
	CYANIDE	UG/L	550	145	74	376	2580	1980	NOT RUN
	LEAD	UG/L	L 40	L 40	-	L 40	920	3300	NOT RUN
	MERCURY	NG/L	4000	L 1000	75	L 1000	L 5000	L 5000	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/25
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 31

SAMPLE DATE ENDING 80/07/25 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
METALS	NICKEL	UG/L	11	9	18	7	L 180	L 180	NOT RUN
	SELENIUM	UG/L	2	4	-	6	4	3	NOT RUN
	SILVER	UG/L	6	L 1	83	2	170	230	NOT RUN
	ZINC	UG/L	147	51	65	59	770	990	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	2370	533	78	710	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	86	24	72	29	NOT RUN	NOT RUN	NOT RUN
	BORON	UG/L	590	397	33	264	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	19	19	-	19	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1496	1230	18	1700	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3	3	-	3	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	230	218	5	228	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	68	75	-	19	NOT RUN	NOT RUN	NOT RUN
	TIN	UG/L	73	69	5	32	NOT RUN	NOT RUN	NOT RUN
	TITANIUM	UG/L	10	3	70	L 2	NOT RUN	NOT RUN	NOT RUN
	VANADIUM	UG/L	4	4	-	L 1	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/25
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 31

SAMPLE DATE ENDING 80/07/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	199	15	92	30	1784	2971	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	190	20	89	50	6770	5420	NOT RUN
	COD	MG/L	540	100	81	130	17300	8400	NOT RUN
	OIL & GREASE	MG/L	30	7	77	30	760	860	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	326	63	81	32	580	243	NOT RUN
	TOTAL SOLIDS	MG/L	578	377	35	391	6889	5252	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	290	320	-	570	310	440	NOT RUN
	SETTLEABLE SOLIDS	ML/L	22	L 1	95	L 1	570	690	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	274	76	72	104	5113	4213	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	55	75	-	125	50	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	165	16	90	43	4820	4120	NOT RUN
	AMMONIA NITROGEN	MG/L	4	4	-	6	9	11	NOT RUN
	TOC	MG/L	70	28	60	30	1125	1063	NOT RUN
VOLATILES	BENZENE	UG/L	4	2	50	3	5	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	26	4	85	5	14	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	N-D	N-D	-	N-D	5	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	N-D	N-D	.-	N-D	3	29	NOT RUN
	CHLOROFORM	UG/L	5	2	60	1	6	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	N-D	99+	N-D	70	1	NOT RUN
	ETHYLBENZENE	UG/L	19	N-D	99+	N-D	20	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	28	25	11	28	11	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	34	3	91	5	N-D	N-D	NOT RUN
	TOLUENE	UG/L	45	4	91	7	63	729	NOT RUN
	TRICHLOROETHYLENE	UG/L	17	1	94	2	108	16	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	N-D	N-D	-	1	N-D	N-D	NOT RUN
	PHENOL	UG/L	84	N-D	99+	N-D	1700	N-D	NOT RUN
BASE-NEUTRALS	ACENAPHTHENE	UG/L	21	N-D	99+	N-D	N-D	N-D	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	4	N-D	99+	N-D	N-D	N-D	NOT RUN
	FLUORANTHENE	UG/L	1	N-D	99+	N-D	120	N-D	NOT RUN
	ISOPHORONE	UG/L	N-D	1	-	N-D	N-D	N-D	NOT RUN
	NAPHTHALENE	UG/L	11	N-D	99+	N-D	140	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	48	11	77	10	1700	1200	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	N-D	N-D	-	N-D	270	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	74	4	95	3	2400	160	NOT RUN
	DIETHYL PHTHALATE	UG/L	12	N-D	99+	N-D	N-D	24	NOT RUN
	DIMETHYL PHTHALATE	UG/L	13	N-D	99+	N-D	N-D	N-D	NOT RUN
	CHRYSENE	UG/L	N-D	N-D	-	N-D	65	N-D	NOT RUN
	ANTHRACENE	UG/L	2	N-D	99+	N-D	N-D	N-D	NOT RUN
	PHENANTHRENE	UG/L	2	N-D	99+	N-D	250	N-D	NOT RUN
	PYRENE	UG/L	N-D	N-D	-	N-D	102	13	NOT RUN
METALS	ANTIMONY	UG/L	9	5	44	6	180	260	NOT RUN
	ARSENIC	UG/L	5	3	40	4	44	31	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	L 2	82	45	NOT RUN
	CHROMIUM	UG/L	91	51	44	70	4800	4500	NOT RUN
	COPPER	UG/L	389	72	81	109	4400	7500	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/26
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 31

SAMPLE DATE ENDING 80/07/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
METALS	CYANIDE	UG/L	582	140	76	330	2350	2080	NOT RUN
	LEAD	UG/L	43	L 40	7	L 40	5900	3300	NOT RUN
	MERCURY	MG/L	1000	L 1000	-	L 1000	L 5000	L 5000	NOT RUN
	NICKEL	UG/L	L 5	L 5	-	12	L 180	L 180	NOT RUN
	SELENIUM	UG/L	L 1	L 1	-	2	2	L 1	NOT RUN
	SILVER	UG/L	5	1	80	1	180	230	NOT RUN
	ZINC	UG/L	122	39	68	52	2800	2200	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	3190	482	85	796	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	60	26	57	31	NOT RUN	NOT RUN	NOT RUN
	BORON	UG/L	531	430	19	383	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	18	18	-	18	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1300	1080	17	1490	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3	3	-	3	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	207	210	-	219	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	73	75	-	75	NOT RUN	NOT RUN	NOT RUN
	TIN	UG/L	150	78	48	92	NOT RUN	NOT RUN	NOT RUN
	TITANIUM	UG/L	28	4	86	8	NOT RUN	NOT RUN	NOT RUN
	VANADIUM	UG/L	6	4	33	5	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/26
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
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DAILY ANALYTICAL RESULTS

PLANT 31

SAMPLE DATE ENDING 80/07/27 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	COMB SLUDGE	SECOND SLUDGE	TAP WATER
CONVENTIONALS	BOD	MG/L	121	12	90	12	2798	3108	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	135	23	83	12	7260	5720	NOT RUN
	COD	MG/L	380	60	84	60	11000	11000	NOT RUN
	OIL & GREASE	MG/L	27	6	78	14	920	180	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	240	118	51	81	664	496	NOT RUN
	TOTAL SOLIDS	MG/L	436	316	28	306	7716	5994	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	235	320	-	300	310	NOT RUN	NOT RUN
	SETTLEABLE SOLIDS	ML/L	22	L 1	95	L 1	620	800	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	189	59	69	49	5620	4453	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	25	55	-	75	50	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	123	19	85	10	5260	4340	NOT RUN
	AMMONIA NITROGEN	MG/L	5	4	20	6	16	12	NOT RUN
	TOC	MG/L	70	30	57	21	1488	1220	NOT RUN
VOLATILES	BENZENE	UG/L	46	6	87	24	3	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	6	2	67	2	N-D	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	N-D	N-D	-	N-D	3	N-D	NOT RUN
	1,1,2-TRICHLOROETHANE	UG/L	8	N-D	99+	N-D	N-D	N-D	NOT RUN
	1,1,2,2-TETRACHLOROETHANE	UG/L	N-D	N-D	-	N-D	5	22	NOT RUN
	CHLOROFORM	UG/L	7	2	71	N-D	3	N-D	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	1	N-D	99+	2	N-D	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	11	2	82	11	75	4	NOT RUN
	ETHYLBENZENE	UG/L	N-D	N-D	-	N-D	7	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	10000	10000	-	10000	N-D	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	21	4	81	4	N-D	N-D	NOT RUN
	TOLUENE	UG/L	25	3	88	3	56	100	NOT RUN
	TRICHLOROETHYLENE	UG/L	8	N-D	99+	N-D	19	18	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	N-D	1	-	1	N-D	N-D	NOT RUN
	PHENOL	UG/L	41	N-D	99+	N-D	N-D	N-D	NOT RUN
BASE-NEUTRALS	1,3-DICHLOROBENZENE	UG/L	4	N-D	99+	N-D	N-D	N-D	NOT RUN
	1,2-DIPHENYLHYDRAZINE	UG/L	N-D	2	-	N-D	N-D	N-D	NOT RUN
	FLUORANTHENE	UG/L	N-D	N-D	-	N-D	N-D	37	NOT RUN
	NAPHTHALENE	UG/L	4	3	25	N-D	N-D	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	28	40	-	N-D	870	750	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	5	-	N-D	N-D	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	28	25	11	5	N-D	290	NOT RUN
	DIETHYL PHTHALATE	UG/L	9	7	22	2	N-D	N-D	NOT RUN
	CHRYSENE	UG/L	N-D	N-D	-	N-D	N-D	27	NOT RUN
	ANTHRACENE	UG/L	1	1	-	N-D	N-D	N-D	NOT RUN
	PHENANTHRENE	UG/L	1	1	-	N-D	N-D	72	NOT RUN
	PYRENE	UG/L	N-D	N-D	-	N-D	N-D	37	NOT RUN
METALS	ANTIMONY	UG/L	3	5	-	4	140	130	NOT RUN
	ARSENIC	UG/L	4	3	25	3	49	43	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	L 2	51	45	NOT RUN
	CHROMIUM	UG/L	31	20	35	17	3200	3200	NOT RUN
	COPPER	UG/L	92	31	66	26	5400	3200	NOT RUN

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L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 31

SAMPLE DATE ENDING 80/07/27 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRE CHLOR EFFLUENT	CONB SLUDGE	SECOND SLUDGE	TAP WATER
METALS	CYANIDE	UG/L	425	156	63	276	2180	2120	NOT RUN
	LEAD	UG/L	L 40	L 40	-	L 40	4900	3200	NOT RUN
	NICKEL	UG/L	L 5	L 5	-	L 5	210	L 180	NOT RUN
	SELENIUM	UG/L	2	2	-	L 1	2	3	NOT RUN
	SILVER	UG/L	8	L 1	88	3	160	160	NOT RUN
	ZINC	UG/L	99	26	74	18	3100	350	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	2050	195	90	188	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	41	20	51	18	NOT RUN	NOT RUN	NOT RUN
	BORON	UG/L	512	320	38	465	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	18	19	-	18	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	1430	663	54	751	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3	3	-	3	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	190	187	2	181	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	56	76	-	68	NOT RUN	NOT RUN	NOT RUN
	TIN	UG/L	53	54	-	58	NOT RUN	NOT RUN	NOT RUN
	TITANIUM	UG/L	44	4	91	3	NOT RUN	NOT RUN	NOT RUN
	VANADIUM	UG/L	4	5	-	3	NOT RUN	NOT RUN	NOT RUN

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L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
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DAILY ANALYTICAL RESULTS

PLANT 32

SAMPLE DATE ENDING 80/07/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	158	10	94	137	3738	2233
	TOTAL SUSP. SOLIDS	MG/L	90	13	86	57	NOT RUN	1700
	COD	MG/L	370	20	95	300	6000	3400
	OIL & GREASE	MG/L	130	4	97	51	520	650
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	100	32	68	63	580	384
	TOTAL SOLIDS	MG/L	720	374	48	471	3250	2596
	TOTAL DISS. SOLIDS	MG/L	400	315	21	270	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	387	66	83	144	2254	1906
	TOTAL VOL. SUS. SOLIDS	MG/L	65	10	85	47	NOT RUN	1300
	AMMONIA NITROGEN	MG/L	9	4	56	9	12	5
	TOC	MG/L	110	23	79	85	663	490
VOLATILES	BENZENE	UG/L	2	2	-	13	N-D	N-D
	1,2-DICHLOROETHANE	UG/L	N-D	N-D	-	N-D	1	N-D
	1,1,1-TRICHLOROETHANE	UG/L	4	1	75	2	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	N-D	N-D	-	N-D	2	N-D
	CHLOROFORM	UG/L	4	1	75	N-D	N-D	N-D
	ETHYLBENZENE	UG/L	2	N-D	99+	N-D	36	2
	METHYLENE CHLORIDE	UG/L	23	14	39	710	6	N-D
	TRICHLOROFLUOROMETHANE	UG/L	N-D	N-D	-	2	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	1	N-D	99+	N-D	3	N-D
	TOLUENE	UG/L	5	1	80	N-D	2380	1280
	TRICHLOROETHYLENE	UG/L	4	N-D	99+	N-D	5	N-D
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	1	N-D	99+	N-D	12	68
	PHENOL	UG/L	N-D	N-D	-	1	247	56
BASE-NEUTRALS	ACENAPHTHENE	UG/L	3	N-D	99+	N-D	N-D	N-D
	1,2,4-TRICHLOROBENZENE	UG/L	66	3	95	50	142	N-D
	HEXACHLOROBENZENE	UG/L	2	N-D	99+	N-D	N-D	N-D
	2-CHLORONAPHTHALENE	UG/L	3	N-D	99+	N-D	N-D	N-D
	1,2-DICHLOROBENZENE	UG/L	46	N-D	99+	25	6	N-D
	1,3-DICHLOROBENZENE	UG/L	5	N-D	99+	N-D	N-D	N-D
	1,4-DICHLOROBENZENE	UG/L	72	N-D	99+	41	4	N-D
	FLUORANTHENE	UG/L	4	N-D	99+	N-D	6	1
	4-BROMOPHENYL PHENYL ETHER	UG/L	5	N-D	99+	N-D	N-D	N-D
	ISOPHORONE	UG/L	13	N-D	99+	N-D	N-D	N-D
	NAPHTHALENE	UG/L	23	N-D	99+	N-D	27	N-D
	N-NITROSODIPHENYLAMINE	UG/L	14	N-D	99+	N-D	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	61	9	85	59	1630	1670
	BUTYL BENZYL PHTHALATE	UG/L	40	N-D	99+	6	12	N-D
	DI-N-BUTYL PHTHALATE	UG/L	14	2	86	6	N-D	N-D
	DI-N-OCTYL PHTHALATE	UG/L	10	N-D	99+	3	137	120
	DIETHYL PHTHALATE	UG/L	29	N-D	99+	14	8	3
	DIMETHYL PHTHALATE	UG/L	6	N-D	99+	2	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	15	N-D	99+	N-D	4	6
	CHRYSENE	UG/L	15	N-D	99+	N-D	4	6
	ANTHRACENE	UG/L	8	N-D	99+	1	11	N-D
	FLUORENE	UG/L	4	N-D	99+	N-D	N-D	N-D

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/29
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 32

SAMPLE DATE ENDING 80/07/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
BASE-NEUTRALS	PHENANTHRENE	UG/L	8	N-D	99+	1	11	N-D
	PYRENE	UG/L	5	N-D	99+	N-D	8	3
METALS	ANTIMONY	UG/L	L 10	L 10	-	L 10	10	8
	ARSENIC	UG/L	L 10	L 10	-	L 10	35	5
	CADMIUM	UG/L	L 5	L 5	-	L 5	40	L 10
	CHROMIUM	UG/L	59	31	47	79	1500	1200
	COPPER	UG/L	100	44	56	93	2500	1300
	CYANIDE	UG/L	473	459	3	368	2540	1540
	LEAD	UG/L	64	L 50	22	29	1500	770
	NICKEL	UG/L	110	62	44	78	770	580
	SELENIUM	UG/L	L 10	L 10	-	L 10	3	6
	SILVER	UG/L	9	1	89	6	120	520
	ZINC	UG/L	500	190	62	340	5400	1400
NON-CONV. METALS	ALUMINUM	UG/L	2560	240	91	870	NOT RUN	NOT RUN
	BARIUM	UG/L	87	20	77	110	NOT RUN	NOT RUN
	BORON	UG/L	150	110	27	170	NOT RUN	NOT RUN
	CALCIUM	MG/L	15	24	-	24	NOT RUN	NOT RUN
	IRON	UG/L	2040	250	88	1460	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	2	2	-	2	NOT RUN	NOT RUN
	MANGANESE	UG/L	220	110	50	140	NOT RUN	NOT RUN
	SODIUM	MG/L	85	73	14	84	NOT RUN	NOT RUN
	TITANIUM	UG/L	17	L 5	71	23	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 32

SAMPLE DATE ENDING 80/07/30 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	141	7	95	119	9544	2936
	TOTAL SUSP. SOLIDS	MG/L	125	17	86	58	13740	1940
	COD	MG/L	330	70	79	210	4600	12200
	OIL & GREASE	MG/L	26	8	69	22	880	650
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	112	45	60	106	679	284
	TOTAL SOLIDS	MG/L	404	332	18	345	14224	3464
	TOTAL DISS. SOLIDS	MG/L	275	315	-	270	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	156	70	55	108	7403	2615
	TOTAL VOL. SUS. SOLIDS	MG/L	78	13	83	42	5580	1450
	AMMONIA NITROGEN	MG/L	8	2	75	6	15	3
	TOC	MG/L	85	23	73	75	500	900
VOLATILES	BENZENE	UG/L	15	5	67	3	N-D	1
	1,2-DICHLOROETHANE	UG/L	N-D	N-D	-	N-D	1	N-D
	1,1,1-TRICHLOROETHANE	UG/L	19	N-D	99+	60	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	N-D	N-D	-	N-D	25	N-D
	CHLOROFORM	UG/L	1	1	-	3	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	N-D	N-D	-	N-D	28	N-D
	ETHYLBENZENE	UG/L	88	N-D	99+	N-D	6	N-D
	METHYLENE CHLORIDE	UG/L	760	680	11	26	5	2
	TRICHLOROFLUOROMETHANE	UG/L	1	1	-	N-D	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	N-D	N-D	-	7	1	N-D
	TOLUENE	UG/L	N-D	2	-	43	3620	1580
	TRICHLOROETHYLENE	UG/L	N-D	N-D	-	2	N-D	N-D
ACID EXTRACT	PHENOL	UG/L	N-D	N-D	-	N-D	57	190
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	N-D	14	-	24	58	24
	1,2-DICHLOROBENZENE	UG/L	N-D	N-D	-	2	N-D	N-D
	1,4-DICHLOROBENZENE	UG/L	17	N-D	99+	N-D	N-D	N-D
	1,2-DIPHENYLHYDRAZINE	UG/L	4	N-D	99+	2	N-D	N-D
	FLUORANTHENE	UG/L	4	N-D	99+	N-D	N-D	14
	NAPHTHALENE	UG/L	21	2	90	11	N-D	N-D
	N-NITROSODIPHENYLAMINE	UG/L	2	N-D	99+	N-D	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	53	12	77	300	548	924
	BUTYL BENZYL PHTHALATE	UG/L	37	N-D	99+	5	N-D	23
	DI-N-BUTYL PHTHALATE	UG/L	16	5	69	7	N-D	N-D
	DI-N-OCTYL PHTHALATE	UG/L	7	N-D	99+	32	N-D	N-D
	DIETHYL PHTHALATE	UG/L	42	1	98	8	N-D	N-D
	DIMETHYL PHTHALATE	UG/L	3	N-D	99+	N-D	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	7	N-D	99+	N-D	N-D	10
	CHRYSENE	UG/L	7	N-D	99+	N-D	N-D	10
	ANTHRACENE	UG/L	5	N-D	99+	2	N-D	N-D
	FLUORENE	UG/L	2	N-D	99+	N-D	N-D	N-D
	PHENANTHRENE	UG/L	5	N-D	99+	2	N-D	N-D
	PYRENE	UG/L	4	N-D	99+	N-D	N-D	12
METALS	ANTIMONY	UG/L	L 10	L 10	-	L 10	2	5
	ARSENIC	UG/L	L 10	L 10	-	L 10	7	240

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/30
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 32

SAMPLE DATE ENDING 80/07/30 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	CADMIUM	UG/L	L 5	L 5	-	L 5	15	19
	CHROMIUM	UG/L	100	48	52	88	1300	2100
	COPPER	UG/L	130	51	61	86	1500	5100
	CYANIDE	UG/L	443	366	17	370	5060	2510
	LEAD	UG/L	90	L 50	44	53	950	6600
	MERCURY	NG/L	L 300	L 300	-	L 300	L 5000	30000
	NICKEL	UG/L	120	68	43	80	630	1200
	SELENIUM	UG/L	L 10	L 10	-	L 10	5	10
	SILVER	UG/L	9	2	78	6	200	700
	ZINC	UG/L	270	160	41	220	1300	3400
NON-CONV. METALS	ALUMINUM	UG/L	2680	320	88	1030	NOT RUN	NOT RUN
	BARIUM	UG/L	100	21	79	66	NOT RUN	NOT RUN
	BORON	UG/L	79	92	-	100	NOT RUN	NOT RUN
	CALCIUM	MG/L	14	20	-	18	NOT RUN	NOT RUN
	COBALT	UG/L	5	L 5	-	L 5	NOT RUN	NOT RUN
	IRON	UG/L	3290	330	90	1470	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	2	2	-	2	NOT RUN	NOT RUN
	MANGANESE	UG/L	190	110	42	120	NOT RUN	NOT RUN
	SODIUM	MG/L	50	68	-	56	NOT RUN	NOT RUN
	TIN	UG/L	13	L 10	23	14	NOT RUN	NOT RUN
	TITANIUM	UG/L	41	L 5	88	28	NOT RUN	NOT RUN
	VANADIUM	UG/L	8	L 5	38	7	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/30
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 32

SAMPLE DATE ENDING 80/07/31 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	161	12	93	139	4801	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	118	13	89	68	NOT RUN	NOT RUN
	COD	MG/L	400	70	82	330	7000	NOT RUN
	OIL & GREASE	MG/L	22	7	68	38	1240	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	106	75	29	94	426	NOT RUN
	TOTAL SOLIDS	MG/L	462	330	29	399	2072	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	235	298	-	300	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	202	72	64	148	1363	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	80	11	86	50	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	6	3	50	6	12	NOT RUN
	TOC	MG/L	85	21	75	80	770	NOT RUN
VOLATILES	BENZENE	UG/L	98	72	27	110	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	N-D	N-D	-	11	N-D	NOT RUN
	1,1-DICHLOROETHANE	UG/L	N-D	N-D	-	N-D	14	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	34	N-D	99+	45	18	NOT RUN
	ETHYLBENZENE	UG/L	N-D	N-D	-	N-D	6	NOT RUN
	METHYLENE CHLORIDE	UG/L	21000	62000	-	70000	6	NOT RUN
	TETRACHLOROETHYLENE	UG/L	N-D	N-D	-	5	N-D	NOT RUN
	TOLUENE	UG/L	13	3	77	9	2590	NOT RUN
ACID EXTRACT	PHENOL	UG/L	N-D	N-D	-	N-D	26	NOT RUN
BASE-NEUTRALS	ACENAPHTHENE	UG/L	1	N-D	99+	N-D	NOT RUN	NOT RUN
	1,2,4-TRICHLOROBENZENE	UG/L	18	N-D	99+	7	NOT RUN	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	4	N-D	99+	5	NOT RUN	NOT RUN
	FLUORANTHENE	UG/L	2	N-D	99+	N-D	NOT RUN	NOT RUN
	NAPHTHALENE	UG/L	8	N-D	99+	7	NOT RUN	NOT RUN
	N-NITROSODIPHENYLAMINE	UG/L	2	N-D	99+	1	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	55	N-D	99+	57	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	16	5	69	9	NOT RUN	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	2	N-D	99+	4	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	25	N-D	99+	8	NOT RUN	NOT RUN
	DIMETHYL PHTHALATE	UG/L	2	N-D	99+	N-D	NOT RUN	NOT RUN
	ANTHRACENE	UG/L	4	N-D	99+	3	NOT RUN	NOT RUN
	FLUORENE	UG/L	1	N-D	99+	N-D	NOT RUN	NOT RUN
	PHENANTHRENE	UG/L	4	N-D	99+	3	NOT RUN	NOT RUN
	PYRENE	UG/L	2	N-D	99+	N-D	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	L 10	L 10	-	L 10	3	NOT RUN
	ARSENIC	UG/L	L 10	L 10	-	L 10	130	NOT RUN
	CADMIUM	UG/L	L 5	L 5	-	L 5	41	NOT RUN
	CHROMIUM	UG/L	150	43	71	160	2300	NOT RUN
	COPPER	UG/L	120	44	63	92	4100	NOT RUN
	CYANIDE	UG/L	395	194	51	351	3510	NOT RUN
	LEAD	UG/L	62	L 50	19	L 50	3600	NOT RUN
	NICKEL	UG/L	83	71	14	68	1100	NOT RUN
	SILVER	UG/L	7	3	57	6	440	NOT RUN
	ZINC	UG/L	200	130	35	170	3400	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/31
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 32

SAMPLE DATE ENDING 80/07/31 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L	1890	390	79	1160	NOT RUN	NOT RUN
	BARIUM	UG/L	92	20	78	81	NOT RUN	NOT RUN
	BORON	UG/L	94	82	13	80	NOT RUN	NOT RUN
	CALCIUM	MG/L	16	17	-	18	NOT RUN	NOT RUN
	IRON	UG/L	2120	400	81	1570	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3	19	-	2	NOT RUN	NOT RUN
	MANGANESE	UG/L	220	120	45	170	NOT RUN	NOT RUN
	SODIUM	MG/L	61	66	-	61	NOT RUN	NOT RUN
	TIN	UG/L	33	L 10	70	L 10	NOT RUN	NOT RUN
	TITANIUM	UG/L	17	L 5	71	16	NOT RUN	NOT RUN
	VANADIUM	UG/L	5	L 5	-	5	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/31
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
[illegible]

DAILY ANALYTICAL RESULTS

PLANT 32

SAMPLE DATE ENDING 80/07/31 0800 HOURS

FRACTION	PARAMETER	UNITS	THICKENER OVERFLOW	FILTER FILTRATE	TAP WATER
CONVENTIONALS	BOD	MG/L	NOT RUN	NOT RUN	1
	TOTAL SUSP. SOLIDS	MG/L	NOT RUN	NOT RUN	2
	COD	MG/L	NOT RUN	NOT RUN	10
	OIL & GREASE	MG/L	NOT RUN	NOT RUN	1
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	NOT RUN	NOT RUN	51
	TOTAL SOLIDS	MG/L	NOT RUN	NOT RUN	59
	TOTAL VOLATILE SOLIDS	MG/L	NOT RUN	NOT RUN	22
	TOTAL VOL. SUS. SOLIDS	MG/L	NOT RUN	NOT RUN	1
	TOC	MG/L	NOT RUN	NOT RUN	4
VOLATILES	CHLOROFORM	UG/L	NOT RUN	NOT RUN	41
	METHYLENE CHLORIDE	UG/L	NOT RUN	NOT RUN	220
	DICHLOROBROMOMETHANE	UG/L	NOT RUN	NOT RUN	5
	TOLUENE	UG/L	NOT RUN	NOT RUN	1
BASE-NEUTRALS	FLUORANTHENE	UG/L	NOT RUN	NOT RUN	3
	N-NITROSODIPHENYLAMINE	UG/L	NOT RUN	NOT RUN	6
	DI-N-BUTYL PHTHALATE	UG/L	NOT RUN	NOT RUN	7
	1,2-BENZANTHRACENE	UG/L	NOT RUN	NOT RUN	5
	CHRYSENE	UG/L	NOT RUN	NOT RUN	5
	ANTHRACENE	UG/L	NOT RUN	NOT RUN	3
	PHENANTHRENE	UG/L	NOT RUN	NOT RUN	3
	PYRENE	UG/L	NOT RUN	NOT RUN	3
METALS	COPPER	UG/L	NOT RUN	NOT RUN	340
	CYANIDE	UG/L	NOT RUN	NOT RUN	32
	ZINC	UG/L	NOT RUN	NOT RUN	100
NON-CONV. METALS	ALUMINUM	UG/L	NOT RUN	NOT RUN	180
	BARIUM	UG/L	NOT RUN	NOT RUN	18
	CALCIUM	MG/L	NOT RUN	NOT RUN	8
	IRON	UG/L	NOT RUN	NOT RUN	140
	MANGANESE	UG/L	NOT RUN	NOT RUN	48
	SODIUM	MG/L	NOT RUN	NOT RUN	5

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/07/31
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DAILY ANALYTICAL RESULTS

PLANT 32

SAMPLE DATE ENDING 80/08/01 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	147	14	90	140	5161	2620
	TOTAL SUSP. SOLIDS	MG/L	123	11	91	68	NOT RUN	2380
	COD	MG/L	400	80	80	270	5000	5000
	OIL & GREASE	MG/L	17	6	65	24	720	610
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	106	51	52	69	468	412
	TOTAL SOLIDS	MG/L	514	372	28	488	2435	2460
	TOTAL DISS. SOLIDS	MG/L	380	350	8	370	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	225	84	63	163	1639	1706
	TOTAL VOL. SUS. SOLIDS	MG/L	93	8	91	54	NOT RUN	1820
	AMMONIA NITROGEN	MG/L	6	2	67	5	11	4
	TOC	MG/L	95	21	78	90	520	545
VOLATILES	BENZENE	UG/L	2	3	-	2	N-D	N-D
	1,2-DICHLOROETHANE	UG/L	N-D	N-D	-	N-D	1	N-D
	1,1,1-TRICHLOROETHANE	UG/L	1300	7	99	37	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	N-D	N-D	-	N-D	11	N-D
	CHLOROFORM	UG/L	6	7	-	5	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	N-D	N-D	-	N-D	8	N-D
	METHYLENE CHLORIDE	UG/L	N-D	120	-	N-D	7	3
	TETRACHLOROETHYLENE	UG/L	4	N-D	99+	N-D	1	N-D
	TOLUENE	UG/L	17	2	88	10	1960	391
	TRICHLOROETHYLENE	UG/L	17	N-D	99+	4	N-D	N-D
ACID EXTRACT	PHENOL	UG/L	N-D	N-D	-	N-D	N-D	9
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	170	37	78	95	201	47
	1,2-DICHLOROBENZENE	UG/L	3	1	67	N-D	N-D	N-D
	1,4-DICHLOROBENZENE	UG/L	N-D	N-D	-	6	N-D	N-D
	1,2-DIPHENYLHYDRAZINE	UG/L	N-D	N-D	-	1	N-D	N-D
	NAPHTHALENE	UG/L	18	2	89	20	N-D	N-D
	N-NITROSODIPHENYLAMINE	UG/L	2	N-D	99+	2	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	81	14	83	77	635	1260
	DI-N-BUTYL PHTHALATE	UG/L	17	3	82	10	N-D	N-D
	DI-N-OCTYL PHTHALATE	UG/L	8	N-D	99+	5	N-D	N-D
	DIETHYL PHTHALATE	UG/L	13	1	92	6	N-D	N-D
	DIMETHYL PHTHALATE	UG/L	1	N-D	99+	N-D	N-D	N-D
	ANTHRACENE	UG/L	2	N-D	99+	2	N-D	N-D
	PHENANTHRENE	UG/L	2	N-D	99+	2	N-D	N-D
	PYRENE	UG/L	N-D	N-D	-	N-D	N-D	33
METALS	ANTIMONY	UG/L	L 10	L 10	-	L 10	2	1
	ARSENIC	UG/L	L 10	L 10	-	L 10	78	7
	CADMIUM	UG/L	L 5	L 5	-	L 5	26	23
	CHROMIUM	UG/L	280	78	72	160	5700	2400
	COPPER	UG/L	110	41	63	81	2600	1500
	CYANIDE	UG/L	463	326	30	348	2350	1340
	LEAD	UG/L	54	L 50	7	L 50	2600	1200
	MERCURY	MG/L	L 300	L 300	-	L 300	60000	L 5000
	NICKEL	UG/L	91	87	4	88	1100	580

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/01
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 32

SAMPLE DATE ENDING 80/08/01 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	SELENIUM	UG/L	L 10	L 10	-	L 10	L 3	4
	SILVER	UG/L	7	2	71	9	370	330
	ZINC	UG/L	160	100	38	140	2200	920
NON-CONV. METALS	ALUMINUM	UG/L	1820	400	78	980	NOT RUN	NOT RUN
	BARIUM	UG/L	98	20	80	80	NOT RUN	NOT RUN
	BORON	UG/L	140	92	34	140	NOT RUN	NOT RUN
	CALCIUM	MG/L	15	19	-	20	NOT RUN	NOT RUN
	IRON	UG/L	1760	360	80	1210	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	2	2	-	2	NOT RUN	NOT RUN
	MANGANESE	UG/L	210	140	33	160	NOT RUN	NOT RUN
	SODIUM	MG/L	86	79	8	81	NOT RUN	NOT RUN
	TIN	UG/L	19	L 10	47	10	NOT RUN	NOT RUN
	TITANIUM	UG/L	15	5	67	12	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/01
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 32

SAMPLE DATE ENDING 80/08/02 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	159	16	90	130	3999	2895
	TOTAL SUSP. SOLIDS	MG/L	110	17	85	77	NOT RUN	NOT RUN
	COD	MG/L	340	40	89	300	11000	10200
	OIL & GREASE	MG/L	80	5	94	35	680	640
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	75	32	57	63	664	1114
	TOTAL SOLIDS	MG/L	413	361	13	409	2882	2631
	TOTAL DISS. SOLIDS	MG/L	360	343	-	300	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	178	78	56	155	2035	1885
	TOTAL VOL. SUS. SOLIDS	MG/L	93	12	87	40	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	5	2	60	5	11	6
	TOC	MG/L	80	23	71	45	763	730
VOLATILES	BENZENE	UG/L	160	1	99	130	N-D	1
	1,2-DICHLOROETHANE	UG/L	N-D	N-D	-	N-D	1	N-D
	1,1-DICHLOROETHANE	UG/L	N-D	N-D	-	N-D	4	N-D
	CHLOROFORM	UG/L	16	11	31	N-D	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	33	N-D	99+	N-D	17	N-D
	METHYLENE CHLORIDE	UG/L	49000	81	100	55000	46	2
	TETRACHLOROETHYLENE	UG/L	4	N-D	99+	6	N-D	N-D
	TOLUENE	UG/L	6	1	83	8	4110	1510
	TRICHLOROETHYLENE	UG/L	9	N-D	99+	6	8	N-D
ACID EXTRACT	PHENOL	UG/L	N-D	N-D	-	N-D	96	10
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	4300	310	93	3000	2500	771
	1,2-DICHLOROBENZENE	UG/L	26	6	77	20	N-D	N-D
	FLUORANTHENE	UG/L	1	N-D	99+	N-D	N-D	N-D
	NAPHTHALENE	UG/L	16	N-D	99+	N-D	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	31	12	61	48	1180	354
	BUTYL BENZYL PHTHALATE	UG/L	20	N-D	99+	N-D	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	8	5	38	13	N-D	16
	DI-N-OCTYL PHTHALATE	UG/L	N-D	N-D	-	4	N-D	N-D
	DIETHYL PHTHALATE	UG/L	14	4	71	18	N-D	N-D
	DIMETHYL PHTHALATE	UG/L	3	N-D	99+	N-D	N-D	N-D
	ANTHRACENE	UG/L	2	N-D	99+	N-D	N-D	N-D
	PHENANTHRENE	UG/L	2	N-D	99+	N-D	N-D	N-D
	PYRENE	UG/L	1	N-D	99+	N-D	N-D	N-D
METALS	ARSENIC	UG/L	L 10	L 10	-	L 10	65	11
	CADMIUM	UG/L	L 5	L 5	-	L 5	26	12
	CHROMIUM	UG/L	49	72	-	82	3200	2800
	COPPER	UG/L	78	45	42	77	2700	2000
	CYANIDE	UG/L	553	324	41	330	2510	1560
	LEAD	UG/L	38	L 50	-	68	1700	1300
	NICKEL	UG/L	63	74	-	99	1300	810
	SELENIUM	UG/L	L 10	L 10	-	L 10	7	3
	SILVER	UG/L	6	3	50	8	290	370
	ZINC	UG/L	130	97	25	200	2700	1200

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/02
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 32

SAMPLE DATE ENDING 80/06/02 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L	1610	480	70	950	NOT RUN	NOT RUN
	BARIUM	UG/L	69	27	61	75	NOT RUN	NOT RUN
	BORON	UG/L	110	95	14	110	NOT RUN	NOT RUN
	CALCIUM	MG/L	16	19	-	19	NOT RUN	NOT RUN
	IRON	UG/L	1560	440	72	1160	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	2	2	-	2	NOT RUN	NOT RUN
	MANGANESE	UG/L	200	140	30	160	NOT RUN	NOT RUN
	SODIUM	MG/L	55	72	-	43	NOT RUN	NOT RUN
	TIN	UG/L	55	L 10	82	L 10	NOT RUN	NOT RUN
	TITANIUM	UG/L	29	L 5	83	14	NOT RUN	NOT RUN
	VANADIUM	UG/L	14	L 5	64	L 5	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/02
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
B=B NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 32

SAMPLE DATE ENDING 80/08/02 0800 HOURS

FRACTION	PARAMETER	UNITS	THICKENER OVERFLOW	FILTER FILTRATE	TAP WATER
CONVENTIONALS	BOD	MG/L	38	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	55	540	NOT RUN
	COD	MG/L	1200	2700	NOT RUN
	OIL & GREASE	MG/L	26	660	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	51	313	NOT RUN
	TOTAL SOLIDS	MG/L	388	6481	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	118	374	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	47	264	NOT RUN
	AMMONIA NITROGEN	MG/L	2	70	NOT RUN
	TOC	MG/L	55	870	NOT RUN
VOLATILES	BENZENE	UG/L	N-D	2	NOT RUN
	CHLOROFORM	UG/L	9	2	NOT RUN
	METHYLENE CHLORIDE	UG/L	24	37	NOT RUN
	TOLUENE	UG/L	5	15	NOT RUN
BASE-NEUTRALS	BENZIDINE	UG/L	N-D	4	NOT RUN
	1,2,4-TRICHLOROBENZENE	UG/L	110	160	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	1	N-D	NOT RUN
	FLUORANTHENE	UG/L	N-D	2	NOT RUN
	NAPHTHALENE	UG/L	N-D	6	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	16	74	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	3	4	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	2	2	NOT RUN
	ANTHRACENE	UG/L	1	3	NOT RUN
	PHENANTHRENE	UG/L	1	3	NOT RUN
	PYRENE	UG/L	N-D	2	NOT RUN
METALS	CHROMIUM	UG/L	62	240	NOT RUN
	COPPER	UG/L	41	190	NOT RUN
	CYANIDE	UG/L	330	2500	NOT RUN
	LEAD	UG/L	13	130	NOT RUN
	NICKEL	UG/L	81	440	NOT RUN
	SELENIUM	UG/L	L 10	11	NOT RUN
	SILVER	UG/L	3	13	NOT RUN
	ZINC	UG/L	120	260	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	840	12300	NOT RUN
	BARIUM	UG/L	52	640	NOT RUN
	BORON	UG/L	100	83	NOT RUN
	CALCIUM	MG/L	25	L 1	NOT RUN
	COBALT	UG/L	L 5	15	NOT RUN
	IRON	UG/L	1200	11700	NOT RUN
	MAGNESIUM	MG/L	2	2	NOT RUN
	MANGANESE	UG/L	230	410	NOT RUN
	SODIUM	MG/L	60	70	NOT RUN
	TIN	UG/L	L 10	27	NOT RUN
	TITANIUM	UG/L	14	280	NOT RUN
	VANADIUM	UG/L	L 5	47	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/02
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 32

SAMPLE DATE ENDING 00/00/03 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	120	11	91	101	3955	2050
	TOTAL SUSP. SOLIDS	MG/L	90	14	82	64	NOT RUN	NOT RUN
	COD	MG/L	400	70	82	210	7400	5700
	OIL & GREASE	MG/L	16	8	50	28	340	920
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	75	26	65	94	257	327
	TOTAL SOLIDS	MG/L	329	304	8	325	1490	2172
	TOTAL DISS. SOLIDS	MG/L	230	296	-	250	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	130	66	49	112	1024	1549
	TOTAL VOL. SUS. SOLIDS	MG/L	74	12	84	52	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	7	2	71	7	11	7
	TOC	MG/L	78	21	73	45	500	565
VOLATILES	BENZENE	UG/L	2	5	-	4	N-D	1
	1,1,1-TRICHLOROETHANE	UG/L	25	N-D	99+	N-D	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	N-D	N-D	-	N-D	7	N-D
	CHLOROFORM	UG/L	8	2	75	2	N-D	N-D
	ETHYLBENZENE	UG/L	N-D	N-D	-	N-D	130	5
	METHYLENE CHLORIDE	UG/L	180	N-D	99+	910	16	N-D
	TETRACHLOROETHYLENE	UG/L	3	N-D	99+	N-D	N-D	N-D
	TOLUENE	UG/L	3	1	67	3	2150	1770
	TRICHLOROETHYLENE	UG/L	3	N-D	99+	N-D	14	N-D
ACID EXTRACT	PHENOL	UG/L	N-D	N-D	-	N-D	5	N-D
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	47	N-D	99+	N-D	129	N-D
	1,3-DICHLOROBENZENE	UG/L	33	N-D	99+	3	N-D	N-D
	1,2-DIPHENYLHYDRAZINE	UG/L	1	N-D	99+	N-D	N-D	N-D
	NAPHTHALENE	UG/L	13	N-D	99+	5	N-D	N-D
	N-NITROSODIPHENYLAMINE	UG/L	1	N-D	99+	N-D	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	45	10	78	53	638	280
	BUTYL BENZYL PHTHALATE	UG/L	17	N-D	99+	6	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	11	N-D	99+	10	N-D	22
	DI-N-OCTYL PHTHALATE	UG/L	N-D	N-D	-	5	N-D	N-D
	DIETHYL PHTHALATE	UG/L	26	N-D	99+	11	N-D	N-D
	DIMETHYL PHTHALATE	UG/L	3	N-D	99+	N-D	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	1	N-D	99+	N-D	N-D	N-D
	CHRYSENE	UG/L	1	N-D	99+	N-D	N-D	N-D
	ANTHRACENE	UG/L	2	N-D	99+	2	N-D	N-D
	PHENANTHRENE	UG/L	2	N-D	99+	2	N-D	N-D
METALS	ARSENIC	UG/L	L 10	L 10	-	L 10	20	14
	CADMIUM	UG/L	L 5	L 5	-	L 5	430	19
	CHROMIUM	UG/L	17	31	-	26	1700	2000
	COPPER	UG/L	89	42	53	79	1700	1900
	CYANIDE	UG/L	383	260	32	235	1750	1380
	LEAD	UG/L	L 50	L 50	-	L 50	1600	1200
	MERCURY	MG/L	L 200	L 200	-	L 200	L 5000	60000
	NICKEL	UG/L	50	55	-	54	720	790
	SELENIUM	UG/L	L 10	L 10	-	L 10	6	4

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 00/00/03

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 32

SAMPLE DATE ENDING 80/08/03 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	SILVER	UG/L	L 1	2	-	2	100	300
	ZINC	UG/L	130	100	23	120	1500	1300
NON-CONV. METALS	ALUMINUM	UG/L	910	410	55	780	NOT RUN	NOT RUN
	BARIUM	UG/L	90	27	70	79	NOT RUN	NOT RUN
	BORON	UG/L	120	89	26	130	NOT RUN	NOT RUN
	CALCIUM	MG/L	L 40	20	-	21	NOT RUN	NOT RUN
	IRON	UG/L	1210	430	64	1040	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	2	2	-	2	NOT RUN	NOT RUN
	MANGANESE	UG/L	160	130	19	160	NOT RUN	NOT RUN
	SODIUM	MG/L	35	52	-	44	NOT RUN	NOT RUN
	TIN	UG/L	26	L 10	62	L 10	NOT RUN	NOT RUN
	TITANIUM	UG/L	17	6	65	19	NOT RUN	NOT RUN
	VANADIUM	UG/L	L 5	L 5	-	6	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/03
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 33

SAMPLE DATE ENDING 80/08/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE
CONVENTIONALS	BOD	MG/L	113	9	92	95	25718
	TOTAL SUSP. SOLIDS	MG/L	30	16	47	6	20000
	COD	MG/L	350	44	87	230	106000
	OIL & GREASE	MG/L	33	7	79	45	8600
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	258	51	80	301	4531
	TOTAL SOLIDS	MG/L	859	783	9	829	74021
	TOTAL DISS. SOLIDS	MG/L	761	763	-	775	3750
	TOTAL VOLATILE SOLIDS	MG/L	626	724	-	630	50767
	VOLATILE DISS. SOLIDS	MG/L	157	112	29	174	3750
	TOTAL VOL. SUS. SOLIDS	MG/L	18	9	50	1	14167
	AMMONIA NITROGEN	MG/L	12	11	8	10	41
	TOC	MG/L	30	16	47	60	7980
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	3
	1,1,1-TRICHLOROETHANE	UG/L	2	L 1	50	2	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	28
	CHLOROFORM	UG/L	L 1	1	-	L 1	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	337
	ETHYLBENZENE	UG/L	1	L 1	-	1	56
	METHYLENE CHLORIDE	UG/L	L 3	L 3	-	L 3	23
	TETRACHLOROETHYLENE	UG/L	4	4	-	3	3
	TOLUENE	UG/L	2	L 1	50	4	198
	TRICHLOROETHYLENE	UG/L	19	L 1	95	73	81
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	6	7	-	L 5	112
	PHENOL	UG/L	2	L 1	50	2	28
BASE-NEUTRALS	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	151
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	289
	NAPHTHALENE	UG/L	L 3	L 3	-	L 3	69
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	11	L 3	73	5	408
	BUTYL BENZYL PHTHALATE	UG/L	3	L 3	-	L 3	185
	DI-N-BUTYL PHTHALATE	UG/L	5	L 4	20	L 4	9
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	13
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	L 5	5
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	L 5	5
	CHRYSENE	UG/L	L 5	L 5	-	L 5	13
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	111
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	111
	PYRENE	UG/L	L 4	L 4	-	L 4	57
PESTICIDES	HEPTACHLOR	NG/L	L 20	L 20	-	100	N-D
	GAMMA-BHC	NG/L	120	60	50	70	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	11
	ARSENIC	UG/L	L 50	L 50	-	L 50	420
	CADMIUM	UG/L	L 2	L 2	-	L 2	210
	CHROMIUM	UG/L	L 5	L 5	-	L 5	4800
	COPPER	UG/L	45	4	91	36	21000

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/23
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 33

SAMPLE DATE ENDING 80/08/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE
METALS	CYANIDE	UG/L	2480	52	98	1350	22400
	LEAD	UG/L	L 50	L 50	-	L 50	14000
	NICKEL	UG/L	L 10	L 10	-	L 10	790
	SELENIUM	UG/L	L 50	L 50	-	L 50	30
	SILVER	UG/L	L 5	L 5	-	L 5	1100
	ZINC	UG/L	98	L 20	80	68	30000
NON-CONV. METALS	ALUMINUM	UG/L	460	1270	-	213	NOT RUN
	BARIUM	UG/L	101	27	73	56	NOT RUN
	CALCIUM	MG/L	84	83	1	83	NOT RUN
	IRON	UG/L	689	145	79	607	NOT RUN
	MAGNESIUM	MG/L	25	24	4	24	NOT RUN
	MANGANESE	UG/L	49	47	4	51	NOT RUN
	SODIUM	MG/L	109	110	-	109	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/23
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
[illegible] NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 33

SAMPLE DATE ENDING 80/08/23 0800 HOURS

FRACTION	PARAMETER	UNITS	SECONDARY SLUDGE	DIGESTER SUPERNATANT	TAP WATER
CONVENTIONALS	BOD	MG/L	30500	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	24107	NOT RUN	NOT RUN
	COD	MG/L	51200	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	880	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1154	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	34984	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	8214	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	14600	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	4643	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	13929	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	210	NOT RUN	NOT RUN
	TOC	MG/L	4682	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	1	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	7	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	2	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	7	NOT RUN	NOT RUN
	TOLUENE	UG/L	540	NOT RUN	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	166	NOT RUN	NOT RUN
	PHENOL	UG/L	85	NOT RUN	NOT RUN
BASE-NEUTRALS	1,4-DICHLOROBENZENE	UG/L	37	NOT RUN	NOT RUN
	FLUORANTHENE	UG/L	22	NOT RUN	NOT RUN
	NAPHTHALENE	UG/L	30	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	462	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	3	NOT RUN	NOT RUN
	1,2-BENZANTHRACENE	UG/L	3	NOT RUN	NOT RUN
	3,4-BENZOFLUORANTHENE	UG/L	3	NOT RUN	NOT RUN
	11,12-BENZOFLUORANTHENE	UG/L	3	NOT RUN	NOT RUN
	CHRYSENE	UG/L	3	NOT RUN	NOT RUN
	ANTHRACENE	UG/L	20	NOT RUN	NOT RUN
	PHENANTHRENE	UG/L	20	NOT RUN	NOT RUN
	PYRENE	UG/L	24	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	37	NOT RUN	NOT RUN
	ARSENIC	UG/L	190	NOT RUN	NOT RUN
	COPPER	UG/L	470	NOT RUN	NOT RUN
	CYANIDE	UG/L	13200	NOT RUN	NOT RUN
	LEAD	UG/L	3900	NOT RUN	NOT RUN
	SELENIUM	UG/L	25	NOT RUN	NOT RUN
	SILVER	UG/L	130	NOT RUN	NOT RUN
	ZINC	UG/L	3100	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/23
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 33

SAMPLE DATE ENDING 80/08/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE
CONVENTIONALS	BOD	MG/L	120	8	94	99	65500
	TOTAL SUSP. SOLIDS	MG/L	35	12	66	14	19090
	COD	MG/L	260	44	83	170	69000
	OIL & GREASE	MG/L	40	6	85	41	5500
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	173	51	71	351	3351
	TOTAL SOLIDS	MG/L	892	812	9	835	71948
	TOTAL DISS. SOLIDS	MG/L	779	812	-	758	6136
	TOTAL VOLATILE SOLIDS	MG/L	712	688	3	752	54396
	VOLATILE DISS. SOLIDS	MG/L	198	137	31	93	3409
	TOTAL VOL. SUS. SOLIDS	MG/L	15	8	47	12	14318
	AMMONIA NITROGEN	MG/L	10	7	30	10	30
	TOC	MG/L	30	20	33	40	4856
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	3
	1,1,1-TRICHLOROETHANE	UG/L	1	L 1	-	L 1	N-D
	CHLOROFORM	UG/L	1	1	-	L 1	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	795
	ETHYLBENZENE	UG/L	L 1	L 1	-	L 1	39
	METHYLENE CHLORIDE	UG/L	L 3	L 3	-	L 3	16
	TETRACHLOROETHYLENE	UG/L	2	3	-	15	N-D
	TOLUENE	UG/L	1	L 1	-	2	50
	TRICHLOROETHYLENE	UG/L	L 1	L 1	-	3	32
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	L 5	L 5	-	L 5	150
	PHENOL	UG/L	3	L 1	67	2	48
BASE-NEUTRALS	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	133
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	103
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	11	L 3	73	5	2950
	BUTYL BENZYL PHTHALATE	UG/L	6	L 3	50	L 3	517
	DI-N-BUTYL PHTHALATE	UG/L	6	L 4	33	6	400
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	115
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	115
	PYRENE	UG/L	L 4	L 4	-	L 4	89
PESTICIDES	HEPTACHLOR	NG/L	130	L 20	85	L 20	N-D
	GAMMA-BHC	NG/L	L 10	50	-	20	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	110
	ARSENIC	UG/L	L 50	L 50	-	L 50	270
	CHROMIUM	UG/L	L 5	L 5	-	L 5	1700
	COPPER	UG/L	43	L 2	95	25	13000
	CYANIDE	UG/L	1900	83	96	1800	19200
	LEAD	UG/L	L 50	L 50	-	L 50	6300
	NICKEL	UG/L	L 10	L 10	-	L 10	540
	SELENIUM	UG/L	L 50	L 50	-	L 50	25
	SILVER	UG/L	L 5	L 5	-	L 5	420
	ZINC	UG/L	113	L 20	82	118	40000

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/24
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 33

SAMPLE DATE ENDING 80/08/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L	565	1250	-	257	NOT RUN
	BARIUM	UG/L	85	28	67	59	NOT RUN
	CALCIUM	MG/L	87	86	1	86	NOT RUN
	IRON	UG/L	731	136	81	522	NOT RUN
	MAGNESIUM	MG/L	26	26	-	26	NOT RUN
	MANGANESE	UG/L	47	40	15	46	NOT RUN
	SODIUM	MG/L	106	114	-	107	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/24
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 33

SAMPLE DATE ENDING 80/08/24 0800 HOURS

FRACTION	PARAMETER	UNITS	SECONDARY SLUDGE	DIGESTER SUPERNATANT	TAP WATER
CONVENTIONALS	BOD	MG/L	36889	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	13600	NOT RUN	NOT RUN
	COD	MG/L	35200	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	160	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	767	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	34020	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	9000	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	19300	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	6800	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	10600	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	206	NOT RUN	NOT RUN
	TOC	MG/L	4575	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	26	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	2	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	23	NOT RUN	NOT RUN
	TOLUENE	UG/L	940	NOT RUN	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	40	NOT RUN	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	1190	NOT RUN	NOT RUN
	PYRENE	UG/L	8	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	30	NOT RUN	NOT RUN
	ARSENIC	UG/L	240	NOT RUN	NOT RUN
	COPPER	UG/L	250	NOT RUN	NOT RUN
	CYANIDE	UG/L	1210(	NOT RUN	NOT RUN
	LEAD	UG/L	3000	NOT RUN	NOT RUN
	SELENIUM	UG/L	43	NOT RUN	NOT RUN
	SILVER	UG/L	410	NOT RUN	NOT RUN
	ZINC	UG/L	2400	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/24
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N R=NOT TESTED

DAILY ANALYTICAL RESULTS

PLANT 33

SAMPLE DATE ENDING 80/08/25 0800 HOURS

FRACTION	PARAMETER	UNITS	SECONDARY SLUDGE	DIGESTER SUPERNATANT	TAP WATER
CONVENTIONALS	COD	MG/L	NOT RUN	NOT RUN	4
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	NOT RUN	NOT RUN	69
	TOTAL SOLIDS	MG/L	NOT RUN	NOT RUN	384
	TOTAL DISS. SOLIDS	MG/L	NOT RUN	NOT RUN	385
	TOTAL VOLATILE SOLIDS	MG/L	NOT RUN	NOT RUN	132
	VOLATILE DISS. SOLIDS	MG/L	NOT RUN	NOT RUN	80
	TOC	MG/L	NOT RUN	NOT RUN	1
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	NOT RUN	NOT RUN	5
METALS	COPPER	UG/L	NOT RUN	NOT RUN	5
	CYANIDE	UG/L	NOT RUN	NOT RUN	31
NON-CONV. METALS	BARIUM	UG/L	NOT RUN	NOT RUN	34
	CALCIUM	MG/L	NOT RUN	NOT RUN	77
	MAGNESIUM	MG/L	NOT RUN	NOT RUN	25
	MANGANESE	UG/L	NOT RUN	NOT RUN	7
	SODIUM	MG/L	NOT RUN	NOT RUN	4

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/25
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.R.=NOT RECEIVED

DAILY ANALYTICAL RESULTS

PLANT 33

SAMPLE DATE ENDING 80/08/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE
CONVENTIONALS	BOD	MG/L	113	6	95	106	101667
	TOTAL SUSP. SOLIDS	MG/L	30	16	47	16	33478
	COD	MG/L	210	44	79	200	90000
	OIL & GREASE	MG/L	22	N-D	99+	8	6600
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	173	63	64	277	3520
	TOTAL SOLIDS	MG/L	913	793	13	827	59568
	TOTAL DISS. SOLIDS	MG/L	811	813	-	749	6087
	TOTAL VOLATILE SOLIDS	MG/L	708	706	-	165	25236
	VOLATILE DISS. SOLIDS	MG/L	188	178	5	92	4348
	TOTAL VOL. SUS. SOLIDS	MG/L	20	2	90	11	26304
	AMMONIA NITROGEN	MG/L	14	12	14	13	78
	TOC	MG/L	40	21	47	40	5586
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	21
	1,1,1-TRICHLOROETHANE	UG/L	2	L 1	50	22	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	27
	CHLOROFORM	UG/L	1	1	-	L 1	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	131
	ETHYLBENZENE	UG/L	L 1	L 1	-	1	36
	METHYLENE CHLORIDE	UG/L	7	4	43	6	16
	TETRACHLOROETHYLENE	UG/L	L 1	L 1	-	2	11
	TOLUENE	UG/L	2	L 1	50	5	110
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	18	L 5	72	34	570
	PHENOL	UG/L	L 1	L 1	-	2	150
BASE-NEUTRALS	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	189
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	97
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	5	5	-	6	5900
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	L 3	250
PESTICIDES	GAMMA-BHC	NG/L	L 50	80	-	L 50	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	79
	ARSENIC	UG/L	L 50	L 50	-	L 50	300
	COPPER	UG/L	40	L 2	95	31	10000
	CYANIDE	UG/L	1540	108	93	659	23000
	LEAD	UG/L	L 50	L 50	-	L 50	7400
	MERCURY	NG/L	L 200	L 200	-	L 200	21000
	NICKEL	UG/L	L 10	L 10	-	L 10	260
	SELENIUM	UG/L	L 50	L 50	-	L 50	15
	SILVER	UG/L	L 5	L 5	-	L 5	230
	ZINC	UG/L	108	L 20	81	77	29000
NON-CONV. METALS	ALUMINUM	UG/L	476	1500	-	446	NOT RUN
	BARIUM	UG/L	123	28	77	76	NOT RUN
	CALCIUM	MG/L	85	81	5	81	NOT RUN
	IRON	UG/L	694	204	71	816	NOT RUN
	MAGNESIUM	MG/L	25	24	4	24	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/26
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 33

SAMPLE DATE ENDING 80/08/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE
NON-CONV. METALS	MANGANESE	UG/L	43	38	12	42	NOT RUN
	SODIUM	MG/L	119	114	4	108	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/26
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N=D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 33

SAMPLE DATE ENDING 80/08/26 0800 HOURS

FRACTION	PARAMETER	UNITS	SECONDARY SLUDGE	DIGESTER SUPERNATANT	TAP WATER
CONVENTIONALS	BOD	MG/L	41000	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	13182	NOT RUN	NOT RUN
	COD	MG/L	34000	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	500	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1329	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	32037	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	5000	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	18585	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	4773	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	7273	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	216	NOT RUN	NOT RUN
	TOC	MG/L	4788	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	13	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	1	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	33	NOT RUN	NOT RUN
	TOLUENE	UG/L	1150	NOT RUN	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	15	NOT RUN	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	678	NOT RUN	NOT RUN
	PYRENE	UG/L	81	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	5	NOT RUN	NOT RUN
	ARSENIC	UG/L	220	NOT RUN	NOT RUN
	CADMIUM	UG/L	76	NOT RUN	NOT RUN
	CHROMIUM	UG/L	2600	NOT RUN	NOT RUN
	COPPER	UG/L	2700	NOT RUN	NOT RUN
	CYANIDE	UG/L	11500	NOT RUN	NOT RUN
	LEAD	UG/L	4400	NOT RUN	NOT RUN
	NICKEL	UG/L	70	NOT RUN	NOT RUN
	SILVER	UG/L	640	NOT RUN	NOT RUN
	ZINC	UG/L	3600	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/26
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.R.=NOT REPORTED

DAILY ANALYTICAL RESULTS

PLANT 33

SAMPLE DATE ENDING 80/08/27 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE
METALS	SELENIUM	UG/L	L 50	L 50	-	L 50	30
	ZINC	UG/L	100	L 20	80	84	23000
NON-CONV. METALS	ALUMINUM	UG/L	364	1670	-	325	NOT RUN
	BARIUM	UG/L	138	27	80	65	NOT RUN
	CALCIUM	MG/L	89	81	9	80	NOT RUN
	IRON	UG/L	652	142	78	630	NOT RUN
	MAGNESIUM	MG/L	26	25	4	24	NOT RUN
	MANGANESE	UG/L	43	36	16	40	NOT RUN
	SODIUM	MG/L	108	112	-	107	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/27
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 33

SAMPLE DATE ENDING 80/08/27 0800 HOURS

FRACTION	PARAMETER	UNITS	SECONDARY SLUDGE	DIGESTER SUPERNATANT	TAP WATER
CONVENTIONALS	BOD	MG/L	28000	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	16190	NOT RUN	NOT RUN
	COD	MG/L	38000	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	15400	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL SOLIDS	MG/L	34426	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	3651	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	19400	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	3492	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	9683	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	211	NOT RUN	NOT RUN
	TOC	MG/L	2341	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	7	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	10	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	16	NOT RUN	NOT RUN
	TOLUENE	UG/L	603	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	11	NOT RUN	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	670	NOT RUN	NOT RUN
BASE-NEUTRALS	FLUORANTHENE	UG/L	34	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	969	NOT RUN	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	303	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	85	NOT RUN	NOT RUN
	PYRENE	UG/L	30	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	35	NOT RUN	NOT RUN
	ARSENIC	UG/L	290	NOT RUN	NOT RUN
	CHROMIUM	UG/L	1000	NOT RUN	NOT RUN
	COPPER	UG/L	570	NOT RUN	NOT RUN
	CYANIDE	UG/L	11400	NOT RUN	NOT RUN
	LEAD	UG/L	2500	NOT RUN	NOT RUN
	SELENIUM	UG/L	35	NOT RUN	NOT RUN
	SILVER	UG/L	380	NOT RUN	NOT RUN
	ZINC	UG/L	5100	NOT RUN	NOT RUN

500

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DAILY ANALYTICAL RESULTS

PLANT 33

SAMPLE DATE ENDING 80/08/28 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE
CONVENTIONALS	BOD	MG/L	114	8	93	84	39834
	TOTAL SUSP. SOLIDS	MG/L	37	13	65	13	27115
	COD	MG/L	230	30	87	170	74000
	OIL & GREASE	MG/L	54	2	96	12	1300
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	228	45	80	240	3211
	TOTAL SOLIDS	MG/L	891	809	9	811	53709
	TOTAL DISS. SOLIDS	MG/L	745	785	-	725	7695
	TOTAL VOLATILE SOLIDS	MG/L	191	159	17	241	32509
	VOLATILE DISS. SOLIDS	MG/L	158	169	-	157	5577
	TOTAL VOL. SUS. SOLIDS	MG/L	27	8	70	9	21538
	AMMONIA NITROGEN	MG/L	11	6	45	10	36
	TOC	MG/L	40	19	52	30	5200
VOLATILES	BENZENE	UG/L	3	L 1	67	2	20
	1,1,1-TRICHLOROETHANE	UG/L	2	L 1	50	10	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	81
	CHLOROFORM	UG/L	L 1	1	-	1	N-D
	ETHYLBENZENE	UG/L	5	L 1	80	3	47
	METHYLENE CHLORIDE	UG/L	L 3	3	-	3	24
	TETRACHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	6
	TOLUENE	UG/L	13	1	92	12	162
	TRICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	65
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	L 5	L 5	-	L 5	170
	PHENOL	UG/L	L 1	L 1	-	4	N-D
BASE-NEUTRALS	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	62
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	73
	NAPHTHALENE	UG/L	L 3	L 3	-	L 3	40
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	9	L 3	67	5	2940
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	L 3	323
	DI-N-BUTYL PHTHALATE	UG/L	12	L 4	67	L 4	N-D
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	99
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	99
	PYRENE	UG/L	L 4	L 4	-	L 4	59
PESTICIDES	ALPHA-ENDOSULFAN	NG/L	470	L 60	87	L 30	N-D
	ALPHA-BHC	NG/L	L 20	96	-	L 10	N-D
	GAMMA-BHC	NG/L	76	210	-	110	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	78
	ARSENIC	UG/L	L 50	L 50	-	L 50	210
	CHROMIUM	UG/L	L 5	L 5	-	7	1500
	COPPER	UG/L	34	L 2	94	22	10000
	CYANIDE	UG/L	1950	79	96	490	21900
	LEAD	UG/L	L 50	L 50	-	L 50	5500
	NICKEL	UG/L	L 10	L 10	-	L 10	280
	SELENIUM	UG/L	L 50	L 50	-	L 50	30
	SILVER	UG/L	L 5	L 5	-	L 5	280

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DAILY ANALYTICAL RESULTS

PLANT 33

SAMPLE DATE ENDING 80/08/28 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE
METALS	ZINC	UG/L	89 L	20	78	66	42000
NON-CONV. METALS	ALUMINUM	UG/L	484	968	-	351	NOT RUN
	BARIUM	UG/L	78	22	72	61	NOT RUN
	CALCIUM	MG/L	86	81	6	79	NOT RUN
	IRON	UG/L	663	132	80	600	NOT RUN
	MAGNESIUM	MG/L	25	25	-	24	NOT RUN
	MANGANESE	UG/L	41	37	10	39	NOT RUN
	SODIUM	MG/L	103	106	-	89	NOT RUN

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N D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 33

SAMPLE DATE ENDING 80/08/28 0800 HOURS

FRACTION	PARAMETER	UNITS	SECONDARY SLUDGE	DIGESTER SUPERNATANT	TAP WATER
CONVENTIONALS	BOD	MG/L	12812	2689	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	11053	4357	NOT RUN
	COD	MG/L	12000	24000	NOT RUN
	OIL & GREASE	MG/L	600	102	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	823	543	NOT RUN
	TOTAL SOLIDS	MG/L	19528	3914	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	2807	2171	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	11500	1760	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	2632	1114	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	8070	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	121	778	NOT RUN
	TOC	MG/L	2660	480	NOT RUN
VOLATILES	BENZENE	UG/L	2	L 1	NOT RUN
	CHLOROBENZENE	UG/L	N-D	1	NOT RUN
	1,1,2-TRICHLOROETHANE	UG/L	N-D	1	NOT RUN
	ETHYLBENZENE	UG/L	4	4	NOT RUN
	METHYLENE CHLORIDE	UG/L	N-D	3	NOT RUN
	TETRACHLOROETHYLENE	UG/L	14	L 1	NOT RUN
	TOLUENE	UG/L	4570	98	NOT RUN
	TRICHLOROETHYLENE	UG/L	N-D	2	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	30	L 5	NOT RUN
BASE-NEUTRALS	FLUORANTHENE	UG/L	13	L 4	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	1450	60	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	104	L 4	NOT RUN
	PYRENE	UG/L	15	L 4	NOT RUN
METALS	ANTIMONY	UG/L	12	L 50	NOT RUN
	ARSENIC	UG/L	140	96	NOT RUN
	CADMIUM	UG/L	L 16	54	NOT RUN
	CHROMIUM	UG/L	L 500	369	NOT RUN
	COPPER	UG/L	L 110	1860	NOT RUN
	CYANIDE	UG/L	16800	1580	NOT RUN
	LEAD	UG/L	1500	978	NOT RUN
	MERCURY	NG/L	L 4000	4100	NOT RUN
	NICKEL	UG/L	L 50	104	NOT RUN
	SELENIUM	UG/L	28	L 50	NOT RUN
	SILVER	UG/L	L 110	93	NOT RUN
	ZINC	UG/L	1000	3800	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	NOT RUN	59200	NOT RUN
	BARIUM	UG/L	NOT RUN	2700	NOT RUN
	CALCIUM	MG/L	NOT RUN	192	NOT RUN
	IRON	UG/L	NOT RUN	127000	NOT RUN
	MAGNESIUM	MG/L	NOT RUN	43	NOT RUN
	MANGANESE	UG/L	NOT RUN	391	NOT RUN
	SODIUM	MG/L	NOT RUN	118	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 33

SAMPLE DATE ENDING 80/08/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE
CONVENTIONALS	BOD	MG/L	126	12	90	134	40300
	TOTAL SUSP. SOLIDS	MG/L	32	16	50	27	42222
	COD	MG/L	220	30	86	180	91000
	OIL & GREASE	MG/L	106	4	96	14	10100
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	148	51	66	179	3492
	TOTAL SOLIDS	MG/L	887	780	12	816	67376
	TOTAL DISS. SOLIDS	MG/L	798	780	2	762	5370
	TOTAL VOLATILE SOLIDS	MG/L	237	24	90	170	42750
	VOLATILE DISS. SOLIDS	MG/L	126	109	13	123	3333
	TOTAL VOL. SUS. SOLIDS	MG/L	19	13	32	15	17593
	AMMONIA NITROGEN	MG/L	12	10	17	11	60
	TOC	MG/L	35	21	40	30	8193
VOLATILES	BENZENE	UG/L	L 1	L 1	-	L 1	141
	CHLOROFORM	UG/L	2	1	50	2	73
	ETHYLBENZENE	UG/L	L 1	L 1	-	1	78
	METHYLENE CHLORIDE	UG/L	5	4	20	5	264
	TETRACHLORDETHYLENE	UG/L	4	L 1	75	L 1	8
	TOLUENE	UG/L	2	1	50	5	262
	TRICHLORDETHYLENE	UG/L	L 1	L 1	-	L 1	55
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	L 5	L 5	-	L 5	44
	PHENOL	UG/L	1	L 1	-	L 1	N-D
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	12
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	3	L 3	-	6	870
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	L 3	159
	ANTHRACENE	UG/L	L 5	L 5	-	L 5	20
	PHENANTHRENE	UG/L	L 5	L 5	-	L 5	20
	PYRENE	UG/L	L 4	L 4	-	L 4	13
PESTICIDES	GAMMA-BHC	MG/L	L 200	60	-	240	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	100
	ARSENIC	UG/L	L 50	L 50	-	L 50	460
	CHROMIUM	UG/L	8	L 5	38	11	2400
	COPPER	UG/L	39	L 2	95	33	16000
	CYANIDE	UG/L	2040	91	96	1680	26000
	LEAD	UG/L	L 50	L 50	-	L 50	11000
	MERCURY	MG/L	L 200	L 200	-	L 200	10000
	NICKEL	UG/L	L 10	L 10	-	L 10	260
	SELENIUM	UG/L	L 50	L 50	-	L 50	35
	SILVER	UG/L	L 5	L 5	-	L 5	460
	ZINC	UG/L	109	L 20	82	84	43000
NON-CONV. METALS	ALUMINUM	UG/L	400	1360	-	681	NOT RUN
	BARIUM	UG/L	193	26	87	84	NOT RUN
	CALCIUM	MG/L	87	83	5	83	NOT RUN
	IRON	UG/L	786	184	77	1050	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/29
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 33

SAMPLE DATE ENDING 80/08/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE
NON-CONV. METALS	MAGNESIUM	MG/L	24	26	-	25	NOT RUN
	MANGANESE	UG/L	39	34	13	40	NOT RUN
	SODIUM	MG/L	111	109	2	103	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/29
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 33

SAMPLE DATE ENDING 80/08/29 0800 HOURS

FRACTION	PARAMETER	UNITS	SECONDARY SLUDGE	DIGESTER SUPERNATANT	TAP WATER
CONVENTIONALS	BOD	MG/L	13200	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	25263	NOT RUN	NOT RUN
	COD	MG/L	53000	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	11100	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1357	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	34628	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	8158	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	2632	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	13947	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	170	NOT RUN	NOT RUN
	TOC	MG/L	2022	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	8	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	97	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	30	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	11	NOT RUN	NOT RUN
	TOLUENE	UG/L	327	NOT RUN	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	40	NOT RUN	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	1020	NOT RUN	NOT RUN
	PYRENE	UG/L	8	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	15	NOT RUN	NOT RUN
	ARSENIC	UG/L	290	NOT RUN	NOT RUN
	CYANIDE	UG/L	16600	NOT RUN	NOT RUN
	LEAD	UG/L	4000	NOT RUN	NOT RUN
	SELENIUM	UG/L	29	NOT RUN	NOT RUN
	SILVER	UG/L	130	NOT RUN	NOT RUN
	ZINC	UG/L	970	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/08/29
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 34

SAMPLE DATE ENDING 80/09/02 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	148	2	99	3000	5550
	TOTAL SUSP. SOLIDS	MG/L	59	16	73	21538	NOT RUN
	COD	MG/L	360	60	83	42000	6500
	OIL & GREASE	MG/L	32	NOT RUN	-	3300	190
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	957	20	98	346	65
	TOTAL SOLIDS	MG/L	1486	1260	15	25787	9493
	TOTAL DISS. SOLIDS	MG/L	1240	1245	-	10600	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	368	198	46	13000	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	233	245	-	8080	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	34	9	74	15961	NOT RUN
	AMMONIA NITROGEN	MG/L	21	2	90	52	2
	TOC	MG/L	50	17	66	5400	340
VOLATILES	BENZENE	UG/L	L 1	L 1	-	7	1
	1,1,1-TRICHLOROETHANE	UG/L	2	L 1	50	N-D	N-D
	CHLOROETHANE	UG/L	L 25	5	-	N-D	N-D
	CHLOROFORM	UG/L	2	6	-	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 1	67	46	N-D
	ETHYLBENZENE	UG/L	L 1	L 1	-	29	N-D
	METHYLENE CHLORIDE	UG/L	4	L 3	25	7	N-D
	DICHLOROBROMOMETHANE	UG/L	L 1	2	-	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	4	L 1	75	N-D	N-D
	TOLUENE	UG/L	3	1	67	44	2
	TRICHLOROETHYLENE	UG/L	2	L 1	50	N-D	N-D
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	L 5	L 5	-	N-D	20
	PHENOL	UG/L	L 1	L 1	-	395	245
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	4	N-D
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	27	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	22	1
	NAPHTHALENE	UG/L	L 3	L 3	-	34	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	3	L 3	-	367	174
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	16	4
	DI-N-OCTYL PHTHALATE	UG/L	L 5	L 5	-	14	5
	DIETHYL PHTHALATE	UG/L	L 5	L 5	-	N-D	3
	DIMETHYL PHTHALATE	UG/L	L 5	L 5	-	N-D	6
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	10	2
	BENZO (A)PYRENE	UG/L	L 10	L 10	-	N-D	1
	3,4-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	2	N-D
	11,12-BENZOFLUORANTHENE	UG/L	L 5	L 5	-	2	N-D
	CHRYSENE	UG/L	L 5	L 5	-	10	2
	ANTHRACENE	UG/L	L 10	L 10	-	69	N-D
	FLUORENE	UG/L	L 5	L 5	-	15	N-D
	PHENANTHRENE	UG/L	L 10	L 10	-	69	N-D
	PYRENE	UG/L	L 4	L 4	-	20	1
PESTICIDES	GAMMA-BHC	NG/L	L 50	84	-	N-D	N-D

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/02
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 34

SAMPLE DATE ENDING 80/09/02 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	ANTIMONY	UG/L	L 50	L 50	-	4	L 1
	ARSENIC	UG/L	L 50	L 50	-	92	20
	CADMIUM	UG/L	L 2	L 2	-	25	23
	CHROMIUM	UG/L	34	8	76	2500	2100
	COPPER	UG/L	140	13	91	12000	2500
	CYANIDE	UG/L	1950	438	78	32000	2100
	LEAD	UG/L	L 50	L 50	-	4300	2500
	MERCURY	NG/L	700	L 200	71	50000	L 5000
	NICKEL	UG/L	16	24	-	810	1200
	SELENIUM	UG/L	L 50	L 50	-	L 7	6
	SILVER	UG/L	6	L 5	17	170	L 42
	ZINC	UG/L	149	55	63	6300	21000
NON-CONV. METALS	ALUMINUM	UG/L	1530	44	96	NOT RUN	NOT RUN
	BARIUM	UG/L	120	45	63	NOT RUN	NOT RUN
	CALCIUM	MG/L	123	119	3	NOT RUN	NOT RUN
	IRON	UG/L	1530	66	96	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	38	38	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	112	16	86	NOT RUN	NOT RUN
	SODIUM	MG/L	223	232	-	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 34

SAMPLE DATE ENDING 80/09/02 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	DIGESTER SUPERNATANT	TAP WATER
CONVENTIONALS	BOD	MG/L	106	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	25	NOT RUN	NOT RUN
	COD	MG/L	250	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	14	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	57	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	1356	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	1122	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	328	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	134	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	16	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	16	NOT RUN	NOT RUN
	TOC	MG/L	40	NOT RUN	NOT RUN
VOLATILES	1,1,2-TRICHLOROETHANE	UG/L	1	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	2	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	1	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	6	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	3	NOT RUN	NOT RUN
	TOLUENE	UG/L	4	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	1	NOT RUN	NOT RUN
METALS	CHROMIUM	UG/L	16	NOT RUN	NOT RUN
	COPPER	UG/L	75	NOT RUN	NOT RUN
	CYANIDE	UG/L	741	NOT RUN	NOT RUN
	MERCURY	MG/L	200	NOT RUN	NOT RUN
	ZINC	UG/L	78	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	535	NOT RUN	NOT RUN
	BARIUM	UG/L	84	NOT RUN	NOT RUN
	CALCIUM	MG/L	121	NOT RUN	NOT RUN
	IRON	UG/L	493	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	38	NOT RUN	NOT RUN
	MANGANESE	UG/L	95	NOT RUN	NOT RUN
	SODIUM	MG/L	221	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 34

SAMPLE DATE ENDING 80/09/03 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	385	4	99	21000	54000
	TOTAL SUSP. SOLIDS	MG/L	57	2	96	NOT RUN	2766
	COD	MG/L	750	32	96	71000	6000
	OIL & GREASE	MG/L	39	NOT RUN	-	9550	160
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	173	8	95	543	121
	TOTAL SOLIDS	MG/L	1692	1240	27	32592	6155
	TOTAL DISS. SOLIDS	MG/L	1120	1264	-	7609	3510
	TOTAL VOLATILE SOLIDS	MG/L	740	154	79	17258	4190
	VOLATILE DISS. SOLIDS	MG/L	275	139	49	4350	2710
	TOTAL VOL. SUS. SOLIDS	MG/L	38	2	95	NOT RUN	2447
	AMMONIA NITROGEN	MG/L	21	3	86	35	3
	TOC	MG/L	60	17	72	2225	540
VOLATILES	BENZENE	UG/L	L 1	L 1	-	4	N-D
	1,1,1-TRICHLOROETHANE	UG/L	5	L 1	80	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	3	L 1	67	N-D	N-D
	CHLOROFORM	UG/L	L 1	5	-	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 1	67	707	N-D
	ETHYLBENZENE	UG/L	3	L 1	67	124	N-D
	METHYLENE CHLORIDE	UG/L	4	5	-	3	N-D
	DICHLOROBROMOMETHANE	UG/L	L 1	1	-	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	4	2	50	N-D	1
	TOLUENE	UG/L	9	L 1	89	62	N-D
	TRICHLOROETHYLENE	UG/L	37	L 1	97	N-D	N-D
ACID EXTRACT	PHENOL	UG/L	10	L 1	90	N-D	520
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	38	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	26	N-D
	NAPHTHALENE	UG/L	L 3	L 3	-	37	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 3	8	-	930	461
	BUTYL BENZYL PHTHALATE	UG/L	8	L 3	63	61	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	49	N-D
	PHENANTHRENE	UG/L	L 10	L 10	-	49	N-D
	PYRENE	UG/L	L 4	L 4	-	22	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	30	4
	ARSENIC	UG/L	L 50	L 50	-	10	9
	CADMIUM	UG/L	L 2	L 2	-	L 30	4
	CHROMIUM	UG/L	138	8	94	5600	750
	COPPER	UG/L	160	L 2	99	6400	980
	CYANIDE	UG/L	1260	310	75	30100	2240
	LEAD	UG/L	226	L 50	78	10000	1500
	MERCURY	MG/L	1200	400	67	L 6000	L 1000
	NICKEL	UG/L	43	21	51	2500	440
	SELENIUM	UG/L	L 50	L 50	-	44	L 1
	SILVER	UG/L	9	L 5	44	330	51
	ZINC	UG/L	280	43	85	20000	3400

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DAILY ANALYTICAL RESULTS

PLANT 34

SAMPLE DATE ENDING 80/09/03 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L	1610	58	96	NOT RUN	NOT RUN
	BARIUM	UG/L	166	44	73	NOT RUN	NOT RUN
	CALCIUM	MG/L	128	114	11	NOT RUN	NOT RUN
	IRON	UG/L	2910	60	98	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	38	38	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	163	38	77	NOT RUN	NOT RUN
	SODIUM	MG/L	226	233	-	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 34

SAMPLE DATE ENDING 80/09/03 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	DIGESTER SUPERNATANT	TAP WATER
CONVENTIONALS	BOD	MG/L	222	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	41	NOT RUN	NOT RUN
	COD	MG/L	450	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	24	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	45	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	1412	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	189	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	1192	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	40	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	20	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	11	NOT RUN	NOT RUN
	TOC	MG/L	60	NOT RUN	NOT RUN
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	3	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	2	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	8	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	6	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	5	NOT RUN	NOT RUN
	TOLUENE	UG/L	7	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	30	NOT RUN	NOT RUN
ACID EXTRACT	PHENOL	UG/L	8	NOT RUN	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	4	NOT RUN	NOT RUN
METALS	CHROMIUM	UG/L	58	NOT RUN	NOT RUN
	COPPER	UG/L	67	NOT RUN	NOT RUN
	CYANIDE	UG/L	1040	NOT RUN	NOT RUN
	LEAD	UG/L	119	NOT RUN	NOT RUN
	MERCURY	NG/L	800	NOT RUN	NOT RUN
	NICKEL	UG/L	27	NOT RUN	NOT RUN
	SILVER	UG/L	6	NOT RUN	NOT RUN
	ZINC	UG/L	99	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	525	NOT RUN	NOT RUN
	BARIUM	UG/L	88	NOT RUN	NOT RUN
	CALCIUM	MG/L	113	NOT RUN	NOT RUN
	IRON	UG/L	861	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	36	NOT RUN	NOT RUN
	MANGANESE	UG/L	120	NOT RUN	NOT RUN
	SODIUM	MG/L	226	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 34

SAMPLE DATE ENDING 80/09/04 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	375	5	99	13000	2175
	TOTAL SUSP. SOLIDS	MG/L	65	16	75	42600	4706
	COD	MG/L	740	60	92	112000	7100
	OIL & GREASE	MG/L	88	NOT RUN	-	8000	217
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	402	205	49	346	65
	TOTAL SOLIDS	MG/L	1392	1116	20	66330	7226
	TOTAL DISS. SOLIDS	MG/L	1080	574	47	9000	2710
	TOTAL VOLATILE SOLIDS	MG/L	290	530	-	28224	4918
	VOLATILE DISS. SOLIDS	MG/L	167	114	32	8200	941
	TOTAL VOL. SUS. SOLIDS	MG/L	25	7	72	26800	4118
	AMMONIA NITROGEN	MG/L	21	8	62	39	4
	TOC	MG/L	80	30	63	3400	415
VOLATILES	BENZENE	UG/L	L 1	L 1	-	8	N-D
	1,1,1-TRICHLOROETHANE	UG/L	4	L 1	75	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	4	L 1	75	34	N-D
	CHLOROFORM	UG/L	L 1	1	-	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	36	L 1	97	1840	9
	ETHYLBENZENE	UG/L	L 1	L 1	-	36	N-D
	METHYLENE CHLORIDE	UG/L	4	4	-	6	N-D
	TETRACHLOROETHYLENE	UG/L	3	5	-	N-D	N-D
	TOLUENE	UG/L	6	L 1	83	520	3
	TRICHLOROETHYLENE	UG/L	130	L 1	99	N-D	N-D
ACID EXTRACT	PHENOL	UG/L	6	L 1	83	330	630
BASE-NEUTRALS	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	95	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	147	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 3	L 3	-	1680	246
	BUTYL BENZYL PHTHALATE	UG/L	8	L 3	63	784	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	107	N-D
	CHRYSENE	UG/L	L 5	L 5	-	107	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	206	N-D
	PHENANTHRENE	UG/L	L 10	L 10	-	206	N-D
	PYRENE	UG/L	L 4	L 4	-	139	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	44	8
	ARSENIC	UG/L	L 50	L 50	-	250	26
	CADMIUM	UG/L	21	L 2	90	L 32	L 16
	CHROMIUM	UG/L	145	8	94	2200	2500
	COPPER	UG/L	219	3	99	6600	3200
	CYANIDE	UG/L	1450	443	69	32500	2700
	LEAD	UG/L	156	L 50	68	9400	3500
	MERCURY	MG/L	2600	400	85	L 10000	L 4000
	NICKEL	UG/L	269	40	85	4400	1500
	SILVER	UG/L	13	L 5	62	330	190
	ZINC	UG/L	534	46	91	23000	8400
NON-CONV. METALS	ALUMINUM	UG/L	4550	96	98	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/04
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 34

SAMPLE DATE ENDING 80/09/04 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	BARIUM	UG/L	264	44	83	NOT RUN	NOT RUN
	CALCIUM	MG/L	130	107	18	NOT RUN	NOT RUN
	IRON	UG/L	9290	124	99	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	37	36	3	NOT RUN	NOT RUN
	MANGANESE	UG/L	350	61	83	NOT RUN	NOT RUN
	SODIUM	MG/L	192	210	-	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/04
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DAILY ANALYTICAL RESULTS

PLANT 34

SAMPLE DATE ENDING 80/09/04 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	DIGESTER SUPERNATANT	TAP WATER
CONVENTIONALS	BOD	MG/L	110	1100	1
	TOTAL SUSP. SOLIDS	MG/L	36	1335	NOT RUN
	COD	MG/L	370	2000	4
	OIL & GREASE	MG/L	16	42	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	683	65	2
	TOTAL SOLIDS	MG/L	992	3170	666
	TOTAL DISS. SOLIDS	MG/L	962	1390	747
	TOTAL VOLATILE SOLIDS	MG/L	136	1394	66
	VOLATILE DISS. SOLIDS	MG/L	175	525	128
	TOTAL VOL. SUS. SOLIDS	MG/L	17	775	NOT RUN
	AMMONIA NITROGEN	MG/L	14	378	L 1
	TOC	MG/L	120	430	5
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	17	L 1	L 1
	1,1-DICHLOROETHANE	UG/L	4	11	L 1
	2-CHLOROETHYL VINYL ETHER	UG/L	L 10	L 10	3
	CHLOROFORM	UG/L	L 1	L 1	10
	1,2-TRANS-DICHLOROETHYLENE	UG/L	8	L 1	L 1
	ETHYLBENZENE	UG/L	1	7	L 1
	METHYLENE CHLORIDE	UG/L	6	L 3	L 3
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	9
	CHLORODIBROMOMETHANE	UG/L	L 1	L 1	9
	TETRACHLOROETHYLENE	UG/L	3	L 1	L 1
	TOLUENE	UG/L	9	34	L 1
	TRICHLOROETHYLENE	UG/L	110	11	L 1
	VINYL CHLORIDE	UG/L	L 20	590	L 20
ACID EXTRACT	PHENOL	UG/L	2	L 1	L 1
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 3	L 3	10
	BUTYL BENZYL PHTHALATE	UG/L	L 3	12	L 3
METALS	CADMIUM	UG/L	L 2	19	L 2
	CHROMIUM	UG/L	53	596	L 5
	COPPER	UG/L	44	775	15
	CYANIDE	UG/L	541	1950	39
	LEAD	UG/L	62	781	L 50
	MERCURY	MG/L	500	3000	L 200
	NICKEL	UG/L	206	351	L 10
	SILVER	UG/L	7	29	L 5
	ZINC	UG/L	106	2970	133
NON-CONV. METALS	ALUMINUM	UG/L	679	11100	122
	BARIUM	UG/L	92	742	69
	CALCIUM	MG/L	105	237	117
	IRON	UG/L	1320	21500	L 50
	MAGNESIUM	MG/L	33	71	37
	MANGANESE	UG/L	161	709	5
	SODIUM	MG/L	195	225	93

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DAILY ANALYTICAL RESULTS

PLANT 34

SAMPLE DATE ENDING 80/09/05 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	244	5	98	36000	4875
	TOTAL SUSP. SOLIDS	MG/L	252	7	97	28600	NOT RUN
	COD	MG/L	840	144	83	91000	7700
	OIL & GREASE	MG/L	40	NOT RUN	-	9150	140
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	106	69	35	1441	177
	TOTAL SOLIDS	MG/L	1574	1356	14	54854	7192
	TOTAL DISS. SOLIDS	MG/L	1206	1132	6	11600	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	336	328	2	29300	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	119	80	33	6200	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	161	4	98	18800	NOT RUN
	AMMONIA NITROGEN	MG/L	21	5	76	35	3
	TOC	MG/L	130	28	78	6490	380
VOLATILES	BENZENE	UG/L	L 1	L 1	-	5	N-D
	1,1,1-TRICHLOROETHANE	UG/L	2	L 1	50	N-D	N-D
	CHLOROFORM	UG/L	L 1	3	-	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	6	L 1	83	86	2
	ETHYLBENZENE	UG/L	L 1	L 1	-	42	N-D
	METHYLENE CHLORIDE	UG/L	7	L 3	57	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	5	2	60	N-D	N-D
	TOLUENE	UG/L	9	L 1	89	77	1
	TRICHLOROETHYLENE	UG/L	48	L 1	98	N-D	N-D
ACID EXTRACT	PHENOL	UG/L	9	L 1	89	N-D	500
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	38	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	46	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 3	L 3	-	513	191
	ANTHRACENE	UG/L	L 10	L 10	-	59	N-D
	PHENANTHRENE	UG/L	L 10	L 10	-	59	N-D
	PYRENE	UG/L	L 4	L 4	-	46	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	47	6
	ARSENIC	UG/L	L 50	L 50	-	150	35
	CHROMIUM	UG/L	2070	59	97	5300	1900
	COPPER	UG/L	136	4	97	6600	1900
	CYANIDE	UG/L	1020	320	69	38000	2600
	LEAD	UG/L	141	L 50	65	6300	10000
	MERCURY	MG/L	400	L 200	50	L 11000	L 2000
	NICKEL	UG/L	5970	40	99	7100	1100
	SELENIUM	UG/L	L 50	L 50	-	L 8	16
	SILVER	UG/L	7	L 5	29	L 260	77
	ZINC	UG/L	219	38	83	35000	8800
NON-CONV. METALS	ALUMINUM	UG/L	1370	106	92	NOT RUN	NOT RUN
	BARIUM	UG/L	155	42	73	NOT RUN	NOT RUN
	CALCIUM	MG/L	117	103	12	NOT RUN	NOT RUN
	IRON	UG/L	2420	59	98	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	36	34	6	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/05
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 34

SAMPLE DATE ENDING 80/09/05 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	MANGANESE	UG/L	189	37	80	NOT RUN	NOT RUN
	SODIUM	MG/L	226	203	10	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/05
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 34

SAMPLE DATE ENDING 80/09/05 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	DIGESTER SUPERNATANT	TAP WATER
CONVENTIONALS	BOD	MG/L	219	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	73	NOT RUN	NOT RUN
	COD	MG/L	460	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	25	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	402	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	1260	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	1229	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	188	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	180	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	45	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	20	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	14	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	3	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	1	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	5	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	2	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	15	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	13	NOT RUN	NOT RUN
	TOLUENE	UG/L	11	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	41	NOT RUN	NOT RUN
ACID EXTRACT	PHENOL	UG/L	10	NOT RUN	NOT RUN
BASE-NEUTRALS	DIETHYL PHTHALATE	UG/L	11	NOT RUN	NOT RUN
METALS	CHROMIUM	UG/L	1380	NOT RUN	NOT RUN
	COPPER	UG/L	61	NOT RUN	NOT RUN
	CYANIDE	UG/L	690	NOT RUN	NOT RUN
	LEAD	UG/L	54	NOT RUN	NOT RUN
	MERCURY	MG/L	1000	NOT RUN	NOT RUN
	NICKEL	UG/L	731	NOT RUN	NOT RUN
	ZINC	UG/L	96	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	527	NOT RUN	NOT RUN
	BARIUM	UG/L	97	NOT RUN	NOT RUN
	CALCIUM	MG/L	115	NOT RUN	NOT RUN
	IRON	UG/L	973	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	37	NOT RUN	NOT RUN
	MANGANESE	UG/L	182	NOT RUN	NOT RUN
	SODIUM	MG/L	233	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 34

SAMPLE DATE ENDING 80/09/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	220	5	98	15633	6000
	TOTAL SUSP. SOLIDS	MG/L	123	10	92	25714	3750
	COD	MG/L	770	60	92	68000	7700
	OIL & GREASE	MG/L	71	2	97	7300	154
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	69	2	97	486	149
	TOTAL SOLIDS	MG/L	1588	1202	24	49422	6958
	TOTAL DISS. SOLIDS	MG/L	819	1250	-	8390	5125
	TOTAL VOLATILE SOLIDS	MG/L	454	134	70	32784	4000
	VOLATILE DISS. SOLIDS	MG/L	159	217	-	6790	4125
	TOTAL VOL. SUS. SOLIDS	MG/L	77	5	94	19464	3375
	AMMONIA NITROGEN	MG/L	22	6	73	38	4
	TOC	MG/L	150	23	85	8512	500
VOLATILES	BENZENE	UG/L	L 1	L 1	-	3	N-D
	1,1,1-TRICHLOROETHANE	UG/L	1	L 1	-	N-D	N-D
	CHLOROFORM	UG/L	L 1	1	-	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 1	67	136	N-D
	ETHYLBENZENE	UG/L	1	L 1	-	35	N-D
	METHYLENE CHLORIDE	UG/L	6	L 3	50	3	N-D
	TETRACHLOROETHYLENE	UG/L	6	L 1	83	N-D	1
	TOLUENE	UG/L	3	L 1	67	39	33
	TRICHLOROETHYLENE	UG/L	11	L 1	91	N-D	N-D
ACID EXTRACT	PHENOL	UG/L	15	L 1	93	N-D	230
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	50	N-D
	1,4-DICHLOROBENZENE	UG/L	8	L 5	38	24	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	43	N-D
	NAPHTHALENE	UG/L	L 3	L 3	-	63	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 3	4	-	1190	285
	ANTHRACENE	UG/L	L 10	L 10	-	114	N-D
	PHENANTHRENE	UG/L	L 10	L 10	-	114	N-D
	PYRENE	UG/L	L 4	L 4	-	44	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	34	6
	ARSENIC	UG/L	L 50	L 50	-	290	42
	CHROMIUM	UG/L	103	67	35	11000	1900
	COPPER	UG/L	133	131	2	5700	1200
	CYANIDE	UG/L	1010	402	60	37800	2750
	LEAD	UG/L	266	L 50	81	16000	1600
	MERCURY	NG/L	1000	L 200	80	L 6000	L 1000
	NICKEL	UG/L	249	679	-	29000	5800
	SELENIUM	UG/L	L 50	L 50	-	16	21
	SILVER	UG/L	L 5	L 5	-	310	69
	ZINC	UG/L	478	39	92	52000	4800
NON-CONV. METALS	ALUMINUM	UG/L	1510	62	96	NOT RUN	NOT RUN
	BARIUM	UG/L	178	42	76	NOT RUN	NOT RUN
	CALCIUM	MG/L	133	113	15	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 34

SAMPLE DATE ENDING 80/09/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	IRON	UG/L	3680	78.	98	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	39	35	10	NOT RUN	NOT RUN
	MANGANESE	UG/L	201	67	67	NOT RUN	NOT RUN
	SODIUM	MG/L	262	232	11	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 34

SAMPLE DATE ENDING 80/09/06 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	DIGESTER SUPERNATANT	TAP WATER
CONVENTIONALS	BOD	MG/L	142	NOT RUN	NOT RUN
	COD	MG/L	500	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	24	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	57	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	1412	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	15	NOT RUN	NOT RUN
	TOC	MG/L	130	NOT RUN	NOT RUN
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	3	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	1	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	11	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	15	NOT RUN	NOT RUN
	TOLUENE	UG/L	4	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	9	NOT RUN	NOT RUN
ACID EXTRACT	PHENOL	UG/L	7	NOT RUN	NOT RUN
METALS	CHROMIUM	UG/L	100	NOT RUN	NOT RUN
	COPPER	UG/L	59	NOT RUN	NOT RUN
	CYANIDE	UG/L	591	NOT RUN	NOT RUN
	LEAD	UG/L	140	NOT RUN	NOT RUN
	NICKEL	UG/L	478	NOT RUN	NOT RUN
	SILVER	UG/L	6	NOT RUN	NOT RUN
	ZINC	UG/L	147	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	608	NOT RUN	NOT RUN
	BARIUM	UG/L	99	NOT RUN	NOT RUN
	CALCIUM	MG/L	119	NOT RUN	NOT RUN
	IRON	UG/L	1160	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	38	NOT RUN	NOT RUN
	MANGANESE	UG/L	151	NOT RUN	NOT RUN
	SODIUM	MG/L	276	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 34

SAMPLE DATE ENDING 80/09/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	214	4	98	10000	8000
	TOTAL SUSP. SOLIDS	MG/L	66	12	82	39400	1050
	COD	MG/L	480	112	77	57000	8900
	OIL & GREASE	MG/L	58	3	95	10100	186
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	458	20	96	262	205
	TOTAL SOLIDS	MG/L	1354	1206	11	72814	7222
	TOTAL DISS. SOLIDS	MG/L	1180	1285	-	15400	3550
	TOTAL VOLATILE SOLIDS	MG/L	236	148	37	40074	5690
	VOLATILE DISS. SOLIDS	MG/L	262	210	20	9800	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	29	5	83	25800	750
	AMMONIA NITROGEN	MG/L	19	2	89	66	5
	TOC	MG/L	90	19	79	9363	250
VOLATILES	BENZENE	UG/L	L 1	L 1	-	3	N-D
	CHLOROFORM	UG/L	L 1	4	-	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	135	N-D
	ETHYLBENZENE	UG/L	L 1	L 1	-	72	N-D
	METHYLENE CHLORIDE	UG/L	4	L 3	25	2	N-D
	TETRACHLOROETHYLENE	UG/L	5	L 1	80	N-D	N-D
	TOLUENE	UG/L	2	L 1	50	66	5
	TRICHLOROETHYLENE	UG/L	7	L 1	86	N-D	N-D
ACID EXTRACT	PHENOL	UG/L	2	L 1	50	N-D	330
BASE-NEUTRALS	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	41	N-D
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	240	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	64	N-D
	NAPHTHALENE	UG/L	L 3	L 3	-	44	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	52	11	79	1230	131
	DIETHYL PHTHALATE	UG/L	5	L 5	-	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	51	N-D
	CHRYSENE	UG/L	L 5	L 5	-	51	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	126	N-D
	PHENANTHRENE	UG/L	L 10	L 10	-	126	N-D
	PYRENE	UG/L	L 4	L 4	-	61	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	59	5
	ARSENIC	UG/L	L 50	L 50	-	290	19
	CHROMIUM	UG/L	71	18	75	3700	780
	COPPER	UG/L	123	11	91	4900	1500
	CYANIDE	UG/L	1250	380	70	31500	2800
	LEAD	UG/L	L 50	L 50	-	20000	11000
	MERCURY	NG/L	L 200	L 200	-	L 10000	3000
	NICKEL	UG/L	36	430	-	26000	3200
	SILVER	UG/L	L 5	L 5	-	L 250	86
	ZINC	UG/L	39	45	-	44000	5800
NON-CONV. METALS	ALUMINUM	UG/L	1120	38	97	NOT RUN	NOT RUN
	BARIUM	UG/L	137	41	70	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 34

SAMPLE DATE ENDING 80/09/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	CALCIUM	MG/L	113	115	-	NOT RUN	NOT RUN
	IRON	UG/L	2670	65	98	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	35	37	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	153	51	67	NOT RUN	NOT RUN
	SODIUM	MG/L	232	246	-	NOT RUN	NOT RUN

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N-D-NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 34

SAMPLE DATE ENDING 80/09/07 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	DIGESTER SUPERNATANT	TAP WATER
CONVENTIONALS	BOD	MG/L	171	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	43	NOT RUN	NOT RUN
	COD	MG/L	320	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	14	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	87	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	1232	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	1167	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	202	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	157	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	23	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	14	NOT RUN	NOT RUN
	TOC	MG/L	90	NOT RUN	NOT RUN
VOLATILES	CHLOROETHANE	UG/L	9	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	2	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	1	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	9	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	11	NOT RUN	NOT RUN
	TOLUENE	UG/L	3	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	9	NOT RUN	NOT RUN
ACID EXTRACT	PHENOL	UG/L	5	NOT RUN	NOT RUN
METALS	CHROMIUM	UG/L	44	NOT RUN	NOT RUN
	COPPER	UG/L	64	NOT RUN	NOT RUN
	CYANIDE	UG/L	532	NOT RUN	NOT RUN
	LEAD	UG/L	109	NOT RUN	NOT RUN
	NICKEL	UG/L	26	NOT RUN	NOT RUN
	ZINC	UG/L	79	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	376	NOT RUN	NOT RUN
	BARIUM	UG/L	84	NOT RUN	NOT RUN
	CALCIUM	MG/L	121	NOT RUN	NOT RUN
	IRON	UG/L	984	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	37	NOT RUN	NOT RUN
	MANGANESE	UG/L	124	NOT RUN	NOT RUN
	SODIUM	MG/L	222	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 35

SAMPLE DATE ENDING 80/09/10 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL		PRIMARY SLUDGE		SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L		270		40	85		29000		13000
	TOTAL SUSP. SOLIDS	MG/L		59		10	83		NOT RUN		35700
	COD	MG/L		500		140	72		89000		24000
	OIL & GREASE	MG/L		38		1	97		9000		1320
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L		45		39	13		683		205
	TOTAL SOLIDS	MG/L		860		706	18		39416		60942
	TOTAL DISS. SOLIDS	MG/L		466		435	7		6400		4500
	SETTLEABLE SOLIDS	ML/L		3	L	1	67		1000		875
	TOTAL VOLATILE SOLIDS	MG/L		254		134	47		3530		51800
	VOLATILE DISS. SOLIDS	MG/L		95		73	23		4400		3900
	TOTAL VOL. SUS. SOLIDS	MG/L		43		9	79		NOT RUN		21900
	AMMONIA NITROGEN	MG/L		11		9	18		175		32
	TOC	MG/L		90		30	67		6384		2550
VOLATILES	BENZENE	UG/L		2	L	1	50		N-D		N-D
	1,1,1-TRICHLOROETHANE	UG/L		24	L	1	96		N-D		N-D
	1,1-DICHLOROETHANE	UG/L		1		1	-		N-D		N-D
	CHLOROFORM	UG/L		18	L	1	94		N-D		N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L		4	L	1	75		56		N-D
	ETHYLBENZENE	UG/L		16	L	1	94		151		N-D
	METHYLENE CHLORIDE	UG/L		42		17	60		25		107
	TETRACHLOROETHYLENE	UG/L		5	L	1	80		N-D		N-D
	TOLUENE	UG/L		18		4	78		427300		10728
	TRICHLOROETHYLENE	UG/L		8		1	88		32		N-D
ACID EXTRACT	PENTACHLOROPHENOL	UG/L		5	L	5	-		N-D		N-D
	PHENOL	UG/L		1	L	1	-		N-D		N-D
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L	5	L	5	-		270		26
	1,3-DICHLOROBENZENE	UG/L	L	5	L	5	-		79		14
	FLUORANTHENE	UG/L	L	4	L	4	-		160		41
	NAPHTHALENE	UG/L	L	3	L	3	-		75		N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L		22	L	3	86		8030		3500
	BUTYL BENZYL PHTHALATE	UG/L	L	3	L	3	-		680		N-D
	DI-N-BUTYL PHTHALATE	UG/L		11	L	4	64		N-D		N-D
	DIETHYL PHTHALATE	UG/L		7	L	5	29		N-D		N-D
	PYRENE	UG/L	L	4	L	4	-		170		45
METALS	ANTIMONY	UG/L	L	50	L	50	-		15		5
	ARSENIC	UG/L	L	50	L	50	-		510		140
	CADMIUM	UG/L	L	2		5	-		500		220
	CHROMIUM	UG/L		152		34	78		19000		6400
	COPPER	UG/L		88		59	33		23000		7500
	CYANIDE	UG/L		1450		201	86		11900		11600
	LEAD	UG/L	L	50	L	50	-		25000		7100
	MERCURY	NG/L		1100		300	73	L	17000	L	3000
	NICKEL	UG/L	L	10	L	10	-		42000		10000
	SELENIUM	UG/L	L	50	L	50	-	L	28		12
	SILVER	UG/L	L	5	L	5	-		410		310

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/10
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 35

SAMPLE DATE ENDING 80/09/10 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	ZINC	UG/L	218	107	51	24000	11000
NON-CONV. METALS	ALUMINUM	UG/L	1310	461	65	NOT RUN	NOT RUN
	BARIUM	UG/L	110	49	55	NOT RUN	NOT RUN
	CALCIUM	MG/L	79	79	-	NOT RUN	NOT RUN
	IRON	UG/L	1890	1090	42	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	26	27	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	376	345	8	NOT RUN	NOT RUN
	SODIUM	MG/L	103	99	4	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/10
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D-NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 35

SAMPLE DATE ENDING 80/09/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	185	37	80	38000	14000
	TOTAL SUSP. SOLIDS	MG/L	120	37	69	NOT RUN	NOT RUN
	COD	MG/L	460	150	67	59000	25000
	OIL & GREASE	MG/L	52	3	94	8550	900
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	63	32	49	852	290
	TOTAL SOLIDS	MG/L	1224	712	42	33620	20228
	TOTAL DISS. SOLIDS	MG/L	540	655	-	8621	3143
	SETTLEABLE SOLIDS	ML/L	3	L 1	67	1000	780
	VOLATILE DISS. SOLIDS	MG/L	136	146	-	5172	2000
	TOTAL VOL. SUS. SOLIDS	MG/L	78	22	72	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	12	10	17	220	22
	TOC	MG/L	100	30	70	4150	1140
VOLATILES	BENZENE	UG/L	2	L 1	50	N-D	4
	1,1,1-TRICHLOROETHANE	UG/L	7	L 1	86	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	1	1	-	N-D	N-D
	CHLOROFORM	UG/L	20	L 1	95	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	5	L 1	80	N-D	25
	ETHYLBENZENE	UG/L	5	1	80	152	22
	METHYLENE CHLORIDE	UG/L	41	52	-	N-D	27
	TETRACHLOROETHYLENE	UG/L	2	L 1	50	N-D	N-D
	TOLUENE	UG/L	22	1	95	9667	988
	TRICHLOROETHYLENE	UG/L	8	L 1	88	N-D	16
ACID EXTRACT	PHENOL	UG/L	3	L 1	67	N-D	N-D
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	11	L 5	55	630	N-D
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	160	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	270	N-D
	NAPHTHALENE	UG/L	L 3	L 3	-	89	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	18	L 3	83	7900	3100
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	680	N-D
	PYRENE	UG/L	L 4	L 4	-	280	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	300	3
	ARSENIC	UG/L	L 50	L 50	-	700	120
	CADMIUM	UG/L	3	L 2	33	810	L 20
	CHROMIUM	UG/L	163	29	82	38000	2100
	COPPER	UG/L	85	43	49	27000	3400
	CYANIDE	UG/L	2800	214	92	10800	24500
	LEAD	UG/L	L 50	L 50	-	75000	10000
	MERCURY	NG/L	1100	300	73	L 44000	L 6000
	NICKEL	UG/L	L 10	L 10	-	6300	180
	SELENIUM	UG/L	L 50	L 50	-	L 110	54
	SILVER	UG/L	L 5	L 5	-	1200	260
	ZINC	UG/L	227	91	60	150000	11000
NON-CONV. METALS	ALUMINUM	UG/L	1420	399	72	NOT RUN	NOT RUN
	BARIUM	UG/L	131	54	59	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/11
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 35

SAMPLE DATE ENDING 80/09/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	CALCIUM	MG/L	77	75	3	NOT RUN	NOT RUN
	IRON	UG/L	2460	891	64	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	27	27	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	395	349	12	NOT RUN	NOT RUN
	SODIUM	MG/L	101	100	1	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/11
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 35

SAMPLE DATE ENDING 80/09/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	222	60	73	NOT RUN	14500
	TOTAL SUSP. SOLIDS	MG/L	164	21	87	NOT RUN	15625
	COD	MG/L	500	190	62	NOT RUN	31000
	OIL & GREASE	MG/L	47	5	89	NOT RUN	970
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	45	26	42	NOT RUN	262
	TOTAL SOLIDS	MG/L	882	690	22	NOT RUN	15724
	TOTAL DISS. SOLIDS	MG/L	747	434	42	NOT RUN	2813
	SETTLEABLE SOLIDS	ML/L	9	L 1	89	NOT RUN	600
	TOTAL VOLATILE SOLIDS	MG/L	NOT RUN	NOT RUN	-	NOT RUN	9020
	VOLATILE DISS. SOLIDS	MG/L	183	71	61	NOT RUN	2186
	TOTAL VOL. SUS. SOLIDS	MG/L	98	15	85	NOT RUN	11250
	AMMONIA NITROGEN	MG/L	11	10	9	NOT RUN	28
	TOC	MG/L	50	24	52	NOT RUN	2200
VOLATILES	BENZENE	UG/L	2	L 1	50	NOT RUN	3
	1,2-DICHLOROETHANE	UG/L	12	L 1	92	NOT RUN	N-D
	1,1-DICHLOROETHANE	UG/L	4	2	50	NOT RUN	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	25	2	92	NOT RUN	21
	ETHYLBENZENE	UG/L	4	L 1	75	NOT RUN	15
	METHYLENE CHLORIDE	UG/L	26	72	-	NOT RUN	N-D
	TETRACHLOROETHYLENE	UG/L	1	L 1	-	NOT RUN	N-D
	TOLUENE	UG/L	17	1	94	NOT RUN	877
	TRICHLOROETHYLENE	UG/L	5	L 1	80	NOT RUN	17
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	10	L 5	50	NOT RUN	N-D
	PHENOL	UG/L	1	L 1	-	NOT RUN	N-D
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 10	L 3	-	NOT RUN	2060
	BUTYL BENZYL PHTHALATE	UG/L	10	L 3	70	NOT RUN	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	NOT RUN	20
	ARSENIC	UG/L	L 50	L 50	-	NOT RUN	35
	CADMIUM	UG/L	L 2	L 2	-	NOT RUN	1800
	CHROMIUM	UG/L	152	16	89	NOT RUN	1900
	COPPER	UG/L	72	23	68	NOT RUN	6600
	CYANIDE	UG/L	2040	275	87	NOT RUN	14000
	LEAD	UG/L	L 50	L 50	-	NOT RUN	3900
	MERCURY	MG/L	1000	L 200	80	NOT RUN	L 4000
	NICKEL	UG/L	L 10	L 10	-	NOT RUN	200
	SILVER	UG/L	L 5	L 5	-	NOT RUN	670
	THALLIUM	UG/L	L 100	L 100	-	NOT RUN	3
	ZINC	UG/L	276	75	73	NOT RUN	7900
NON-CONV. METALS	ALUMINUM	UG/L	1480	281	81	NOT RUN	NOT RUN
	BARIUM	UG/L	125	42	66	NOT RUN	NOT RUN
	CALCIUM	MG/L	76	64	16	NOT RUN	NOT RUN
	IRON	UG/L	2420	609	75	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	26	23	12	NOT RUN	NOT RUN
	MANGANESE	UG/L	387	303	22	NOT RUN	NOT RUN

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L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
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DAILY ANALYTICAL RESULTS

PLANT 35

SAMPLE DATE ENDING 80/09/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	SODIUM	MG/L	97	89	8	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/12
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DAILY ANALYTICAL RESULTS

PLANT 35

SAMPLE DATE ENDING 80/09/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	210	31	85	20000	9750
	TOTAL SUSP. SOLIDS	MG/L	243	18	93	62857	16286
	COD	MG/L	530	110	79	93000	25000
	OIL & GREASE	MG/L	58	2	97	7750	1650
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	57	32	44	3913	290
	TOTAL SOLIDS	MG/L	870	638	27	67246	18458
	TOTAL DISS. SOLIDS	MG/L	702	658	6	4286	2286
	SETTLEABLE SOLIDS	ML/L	L 1	L 1	-	1000	600
	VOLATILE DISS. SOLIDS	MG/L	198	173	13	2000	1714
	TOTAL VOL. SUS. SOLIDS	MG/L	164	11	93	34286	10000
	AMMONIA NITROGEN	MG/L	11	10	9	118	28
	TOC	MG/L	88	23	74	2550	2350
VOLATILES	1,2-DICHLOROETHANE	UG/L	27	L 1	96	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	4	2	50	N-D	N-D
	CHLOROFORM	UG/L	L 1	1	-	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	20	L 1	95	N-D	N-D
	1,2-DICHLOROPROPANE	UG/L	2	L 1	50	N-D	N-D
	ETHYLBENZENE	UG/L	4	L 1	75	147	N-D
	METHYLENE CHLORIDE	UG/L	27	16	41	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	2	L 1	50	N-D	N-D
	TOLUENE	UG/L	19	2	89	739	842
	TRICHLOROETHYLENE	UG/L	6	L 1	83	27	N-D
ACID EXTRACT	PHENOL	UG/L	3	L 1	67	N-D	N-D
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	340	N-D
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	81	N-D
	NAPHTHALENE	UG/L	L 3	L 3	-	51	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	7	L 3	57	8600	2500
	DI-N-BUTYL PHTHALATE	UG/L	5	L 4	20	N-D	N-D
	PYRENE	UG/L	L 4	L 4	-	120	42
METALS	ANTIMONY	UG/L	L 50	L 50	-	110	49
	ARSENIC	UG/L	L 50	L 50	-	290	120
	CADMIUM	UG/L	L 2	L 2	-	93	42
	CHROMIUM	UG/L	186	8	96	5800	6000
	COPPER	UG/L	82	20	76	12000	3900
	CYANIDE	UG/L	720	219	70	16500	18800
	LEAD	UG/L	178	L 50	72	24000	7700
	MERCURY	NG/L	1000	L 200	80	L 17000	L 6000
	NICKEL	UG/L	L 10	L 10	-	1100	5800
	SILVER	UG/L	L 5	L 5	-	L 360	310
	ZINC	UG/L	323	75	77	53000	20000
NON-CONV. METALS	ALUMINUM	UG/L	1880	163	91	NOT RUN	NOT RUN
	BARIUM	UG/L	129	38	71	NOT RUN	NOT RUN
	CALCIUM	MG/L	75	62	17	NOT RUN	NOT RUN
	IRON	UG/L	2720	541	80	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/13

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 35

SAMPLE DATE ENDING 80/09/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	MAGNESIUM	MG/L	25	22	12	NOT RUN	NOT RUN
	MANGANESE	UG/L	390	302	23	NOT RUN	NOT RUN
	SODIUM	MG/L	97	85	12	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/13
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	560	280	50	38000	46000
	TOTAL SUSP. SOLIDS	MG/L	340	29	91	55714	4030
	COD	MG/L	1100	180	84	95000	5600
	OIL & GREASE	MG/L	82	2	98	10450	116
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	808	81	90	823	290
	TOTAL SOLIDS	MG/L	1828	1060	42	61252	4718
	TOTAL DISS. SOLIDS	MG/L	1252	932	26	8036	1493
	VOLATILE DISS. SOLIDS	MG/L	232	148	36	5893	1045
	TOTAL VOL. SUS. SOLIDS	MG/L	212	12	94	35536	2836
	AMMONIA NITROGEN	MG/L	18	15	17	35	18
	TOC	MG/L	250	42	83	1700	360
VOLATILES	BENZENE	UG/L	5	NOT RUN	-	44	N-D
	CHLOROBENZENE	UG/L	L 1	NOT RUN	-	28	N-D
	1,1,1-TRICHLOROETHANE	UG/L	23	NOT RUN	-	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	N-D	NOT RUN	-	17	N-D
	CHLOROFORM	UG/L	128	NOT RUN	-	20	8
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	NOT RUN	-	103	N-D
	ETHYLBENZENE	UG/L	10	NOT RUN	-	707	5
	METHYLENE CHLORIDE	UG/L	9400	NOT RUN	-	23	N-D
	DICHLOROBROMOMETHANE	UG/L	N-D	NOT RUN	-	9	N-D
	DICHLORODIFLUOROMETHANE	UG/L	N-D	NOT RUN	-	40	N-D
	TETRACHLOROETHYLENE	UG/L	93	NOT RUN	-	87	50
	TOLUENE	UG/L	210	NOT RUN	-	4185	28
	TRICHLOROETHYLENE	UG/L	2	NOT RUN	-	4220	N-D
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	11	N-D	99+	N-D	N-D
	2,4-DICHLOROPHENOL	UG/L	3	3	-	N-D	N-D
	2,4-DIMETHYLPHENOL	UG/L	N-D	8	-	N-D	N-D
	PENTACHLOROPHENOL	UG/L	5	N-D	99+	N-D	N-D
	PHENOL	UG/L	220	10	95	N-D	N-D
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	150	3	98	N-D	N-D
	1,2-DICHLOROBENZENE	UG/L	5	N-D	99+	N-D	N-D
	1,3-DICHLOROBENZENE	UG/L	N-D	N-D	-	240	N-D
	1,4-DICHLOROBENZENE	UG/L	2	N-D	99+	220	N-D
	NAPHTHALENE	UG/L	10	1	90	570	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	6	8	-	709	N-D
	BUTYL BENZYL PHTHALATE	UG/L	L 1	3	-	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	2	2	-	N-D	N-D
	DIETHYL PHTHALATE	UG/L	3	5	-	N-D	N-D
	DIMETHYL PHTHALATE	UG/L	N-D	2	-	N-D	N-D
	ANTHRACENE	UG/L	3	N-D	99+	N-D	N-D
	PHENANTHRENE	UG/L	3	N-D	99+	N-D	N-D
PESTICIDES	GAMMA-BHC	NG/L	3900	L 1000	74	N-D	N-D
METALS	ANTIMONY	UG/L	9	6	33	15	L 1
	ARSENIC	UG/L	5	3	40	540	28

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/16
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DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	BERYLLIUM	UG/L	L 1	L 1	-	L 26	L 10
	CADMIUM	UG/L	9	6	33	300	33
	CHROMIUM	UG/L	119	10	92	13000	1400
	COPPER	UG/L	101	4	96	17000	970
	CYANIDE	UG/L	2750	130	95	42900	1600
	LEAD	UG/L	126	47	63	13000	290
	MERCURY	NG/L	L 1000	L 1000	-	91000	6000
	NICKEL	UG/L	106	71	33	4400	490
	SELENIUM	UG/L	4	3	25	20	4
	SILVER	UG/L	14	3	79	1400	69
	THALLIUM	UG/L	3	1	67	L 170	L 31
	ZINC	UG/L	389	121	69	25000	1900
NON-CONV. METALS	ALUMINUM	UG/L	3390	672	80	NOT RUN	NOT RUN
	BARIUM	UG/L	168	30	82	NOT RUN	NOT RUN
	BORON	UG/L	218	142	35	NOT RUN	NOT RUN
	CALCIUM	MG/L	39	33	15	NOT RUN	NOT RUN
	IRON	UG/L	2220	424	81	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	9	7	22	NOT RUN	NOT RUN
	MANGANESE	UG/L	201	148	26	NOT RUN	NOT RUN
	SODIUM	MG/L	471	321	32	NOT RUN	NOT RUN
	TIN	UG/L	70	32	54	NOT RUN	NOT RUN
	TITANIUM	UG/L	19	L 2	89	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/16
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N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/16 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	FILTER FILTRATE	DIGESTER SUPERNATANT	TAP WATER
CONVENTIONALS	BOD	MG/L	280	NOT RUN	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	239	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	950	NOT RUN	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	71	NOT RUN	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	686	NOT RUN	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	1534	NOT RUN	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	1065	NOT RUN	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	242	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	145	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	18	NOT RUN	NOT RUN	NOT RUN
	TOC	MG/L	220	NOT RUN	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	4	NOT RUN	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	7	NOT RUN	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	125	NOT RUN	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	NOT RUN	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	2	NOT RUN	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	69	NOT RUN	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	43	NOT RUN	NOT RUN	NOT RUN
	TOLUENE	UG/L	44	NOT RUN	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	4	NOT RUN	NOT RUN	NOT RUN
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	3	NOT RUN	NOT RUN	NOT RUN
	PHENOL	UG/L	130	NOT RUN	NOT RUN	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	59	NOT RUN	NOT RUN	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	4	NOT RUN	NOT RUN	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	2	NOT RUN	NOT RUN	NOT RUN
	NAPHTHALENE	UG/L	8	NOT RUN	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	13	NOT RUN	NOT RUN	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	2	NOT RUN	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	3	NOT RUN	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	17	NOT RUN	NOT RUN	NOT RUN
	PHENANTHRENE	UG/L	3	NOT RUN	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	6	NOT RUN	NOT RUN	NOT RUN
	ARSENIC	UG/L	5	NOT RUN	NOT RUN	NOT RUN
	BERYLLIUM	UG/L	1	NOT RUN	NOT RUN	NOT RUN
	CADMIUM	UG/L	8	NOT RUN	NOT RUN	NOT RUN
	CHROMIUM	UG/L	117	NOT RUN	NOT RUN	NOT RUN
	COPPER	UG/L	82	NOT RUN	NOT RUN	NOT RUN
	CYANIDE	UG/L	1700	NOT RUN	NOT RUN	NOT RUN
	LEAD	UG/L	73	NOT RUN	NOT RUN	NOT RUN
	NICKEL	UG/L	127	NOT RUN	NOT RUN	NOT RUN
	SELENIUM	UG/L	3	NOT RUN	NOT RUN	NOT RUN
	SILVER	UG/L	14	NOT RUN	NOT RUN	NOT RUN
	THALLIUM	UG/L	1	NOT RUN	NOT RUN	NOT RUN
	ZINC	UG/L	513	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/16 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	FILTER FILTRATE	DIGESTER SUPERNATANT	TAP WATER
NON-CONV. METALS	ALUMINUM	UG/L	6900	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	165	NOT RUN	NOT RUN	NOT RUN
	BORON	UG/L	304	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	39	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	2890	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	8	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	240	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	380	NOT RUN	NOT RUN	NOT RUN
	TIN	UG/L	69	NOT RUN	NOT RUN	NOT RUN
	TITANIUM	UG/L	37	NOT RUN	NOT RUN	NOT RUN
	YTTRIUM	UG/L	5	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	280	43	85	25000	3000
	TOTAL SUSP. SOLIDS	MG/L	195	31	84	53191	3286
	COD	MG/L	880	220	75	81000	5200
	OIL & GREASE	MG/L	75	3	96	11950	115
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	350	173	51	1245	402
	TOTAL SOLIDS	MG/L	1504	1216	19	72186	4846
	TOTAL DISS. SOLIDS	MG/L	1170	1143	2	4681	2143
	VOLATILE DISS. SOLIDS	MG/L	268	298	-	2128	459
	TOTAL VOL. SUS. SOLIDS	MG/L	118	19	84	36170	3143
	AMMONIA NITROGEN	MG/L	17	12	29	23	11
	TOC	MG/L	190	60	68	2400	240
VOLATILES	BENZENE	UG/L	16	1	94	38	2
	CHLOROBENZENE	UG/L	L 1	L 1	-	20	N-D
	1,1,1-TRICHLOROETHANE	UG/L	35	2	94	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	N-D	N-D	-	161	N-D
	CHLOROFORM	UG/L	150	27	82	38	11
	1,2-TRANS-DICHLOROETHYLENE	UG/L	4	L 1	75	43	N-D
	ETHYLBENZENE	UG/L	38	1	97	626	4
	METHYLENE CHLORIDE	UG/L	72	31	57	131	34
	TETRACHLOROETHYLENE	UG/L	100	3	97	1013	17
	TOLUENE	UG/L	230	11	95	701	26
	TRICHLOROETHYLENE	UG/L	6	L 1	83	1597	2
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	N-D	2	-	N-D	N-D
	2,4-DICHLOROPHENOL	UG/L	2	2	-	N-D	N-D
	2,4-DIMETHYLPHENOL	UG/L	N-D	10	-	N-D	N-D
	PENTACHLOROPHENOL	UG/L	4	4	-	N-D	N-D
	PHENOL	UG/L	390	43	89	N-D	N-D
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	100	7	93	8300	63
	1,2-DICHLOROBENZENE	UG/L	11	1	91	N-D	N-D
	1,4-DICHLOROBENZENE	UG/L	4	L 1	75	N-D	N-D
	FLUORANTHENE	UG/L	N-D	N-D	-	220	N-D
	NAPHTHALENE	UG/L	37	5	86	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	17	5	71	10800	480
	BUTYL BENZYL PHTHALATE	UG/L	8	2	75	750	N-D
	DI-N-BUTYL PHTHALATE	UG/L	7	1	86	920	N-D
	DIETHYL PHTHALATE	UG/L	8	1	88	N-D	N-D
	DIMETHYL PHTHALATE	UG/L	N-D	1	-	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	N-D	N-D	-	270	N-D
	CHRYSENE	UG/L	N-D	N-D	-	270	N-D
	ANTHRACENE	UG/L	N-D	N-D	-	607	N-D
	PHENANTHRENE	UG/L	3	L 1	67	607	N-D
	PYRENE	UG/L	N-D	N-D	-	330	N-D
PESTICIDES	ALPHA-ENDOSULFAN	NG/L	1000	N-D	99+	N-D	N-D
	ALPHA-BHC	NG/L	4400	N-D	99+	N-D	N-D

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L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	ANTIMONY	UG/L	42	7	83	200	23
	ARSENIC	UG/L	5	3	40	200	19
	CADMIUM	UG/L	9	5	44	46	L 16
	CHROMIUM	UG/L	465	33	93	3000	1700
	COPPER	UG/L	127	L 2	98	7900	400
	CYANIDE	UG/L	4840	78	98	46200	2240
	LEAD	UG/L	81	L 40	51	17000	120
	NICKEL	UG/L	98	93	5	5700	95
	SELENIUM	UG/L	6	2	67	L 40	L 5
	SILVER	UG/L	19	2	89	430	140
	THALLIUM	UG/L	1	1	-	L 74	L 6
	ZINC	UG/L	406	78	81	16000	2800
NON-CONV. METALS	ALUMINUM	UG/L	4600	922	80	NOT RUN	NOT RUN
	BARIUM	UG/L	152	28	82	NOT RUN	NOT RUN
	BORON	UG/L	216	755	-	NOT RUN	NOT RUN
	CALCIUM	MG/L	41	33	20	NOT RUN	NOT RUN
	IRON	UG/L	2350	420	82	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	8	7	13	NOT RUN	NOT RUN
	MANGANESE	UG/L	151	121	20	NOT RUN	NOT RUN
	SODIUM	MG/L	361	367	-	NOT RUN	NOT RUN
	TIN	UG/L	65	42	35	NOT RUN	NOT RUN
	TITANIUM	UG/L	16	L 2	88	NOT RUN	NOT RUN

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N=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/17 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	FILTER FILTRATE	DIGESTER SUPERNATANT	TAP WATER
CONVENTIONALS	BOD	MG/L	280	NOT RUN	7500	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	254	NOT RUN	4546	NOT RUN
	COD	MG/L	830	NOT RUN	10400	NOT RUN
	OIL & GREASE	MG/L	40	NOT RUN	508	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	857	NOT RUN	346	NOT RUN
	TOTAL SOLIDS	MG/L	1532	NOT RUN	7324	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	1254	NOT RUN	24248	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	NOT RUN	NOT RUN	3704	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	371	NOT RUN	606	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	125	NOT RUN	3030	NOT RUN
	AMMONIA NITROGEN	MG/L	17	NOT RUN	48	NOT RUN
	TOC	MG/L	250	NOT RUN	480	NOT RUN
VOLATILES	BENZENE	UG/L	4	NOT RUN	8	NOT RUN
	CHLOROBENZENE	UG/L	L 1	NOT RUN	25	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	14	NOT RUN	N-D	NOT RUN
	CHLOROETHANE	UG/L	N-D	NOT RUN	2	NOT RUN
	CHLOROFORM	UG/L	22	NOT RUN	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	NOT RUN	3	NOT RUN
	ETHYLBENZENE	UG/L	9	NOT RUN	38	NOT RUN
	METHYLENE CHLORIDE	UG/L	27	NOT RUN	2	NOT RUN
	TETRACHLOROETHYLENE	UG/L	34	NOT RUN	L 1	NOT RUN
	TOLUENE	UG/L	190	NOT RUN	110	NOT RUN
	TRICHLOROETHYLENE	UG/L	3	NOT RUN	N-D	NOT RUN
	VINYL CHLORIDE	UG/L	N-D	NOT RUN	9	NOT RUN
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	2	NOT RUN	3	NOT RUN
	PENTACHLOROPHENOL	UG/L	3	NOT RUN	N-D	NOT RUN
	PHENOL	UG/L	300	NOT RUN	140	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	140	NOT RUN	450	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	19	NOT RUN	43	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	9	NOT RUN	77	NOT RUN
	FLUORANTHENE	UG/L	N-D	NOT RUN	7	NOT RUN
	NAPHTHALENE	UG/L	110	NOT RUN	170	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	190	NOT RUN	98	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	N-D	NOT RUN	30	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	4	NOT RUN	15	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	N-D	NOT RUN	23	NOT RUN
	DIETHYL PHTHALATE	UG/L	11	NOT RUN	13	NOT RUN
	PHENANTHRENE	UG/L	2	NOT RUN	27	NOT RUN
	PYRENE	UG/L	N-D	NOT RUN	8	NOT RUN
PESTICIDES	ENDRIN ALDEHYDE	NG/L	N-D	NOT RUN	1700	NOT RUN
	DELTA-BHC	NG/L	L 1000	NOT RUN	1300	NOT RUN
METALS	ANTIMONY	UG/L	15	NOT RUN	21	NOT RUN
	ARSENIC	UG/L	4	NOT RUN	228	NOT RUN
	BERYLLIUM	UG/L	L 1	NOT RUN	11	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/17 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	FILTER FILTRATE	DIGESTER SUPERNATANT	TAP WATER
METALS	CADMIUM	UG/L	8	NOT RUN	76	NOT RUN
	CHROMIUM	UG/L	729	NOT RUN	2500	NOT RUN
	COPPER	UG/L	77	NOT RUN	2660	NOT RUN
	CYANIDE	UG/L	3140	NOT RUN	NOT RUN	NOT RUN
	LEAD	UG/L	93	NOT RUN	2100	NOT RUN
	MERCURY	MG/L	L 1000	NOT RUN	25000	NOT RUN
	NICKEL	UG/L	150	NOT RUN	1040	NOT RUN
	SELENIUM	UG/L	6	NOT RUN	26	NOT RUN
	SILVER	UG/L	12	NOT RUN	388	NOT RUN
	THALLIUM	UG/L	1	NOT RUN	I 12	NOT RUN
	ZINC	UG/L	393	NOT RUN	8300	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	7300	NOT RUN	92500	NOT RUN
	BARIUM	UG/L	140	NOT RUN	2730	NOT RUN
	BORON	UG/L	391	NOT RUN	418	NOT RUN
	CALCIUM	MG/L	42	NOT RUN	597	NOT RUN
	COBALT	UG/L	L 52	NOT RUN	380	NOT RUN
	IRON	UG/L	2760	NOT RUN	64200	NOT RUN
	MAGNESIUM	MG/L	8	NOT RUN	65	NOT RUN
	MANGANESE	UG/L	192	NOT RUN	3780	NOT RUN
	MOLYBDENUM	UG/L	L 36	NOT RUN	156	NOT RUN
	SODIUM	MG/L	361	NOT RUN	339	NOT RUN
	TIN	UG/L	39	NOT RUN	386	NOT RUN
	TITANIUM	UG/L	39	NOT RUN	509	NOT RUN
	VANADIUM	UG/L	2	NOT RUN	93	NOT RUN
	YTTRIUM	UG/L	4	NOT RUN	131	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	540	45	92	31000	4200
	TOTAL SUSP. SOLIDS	MG/L	357	51	86	42206	3553
	COD	MG/L	1300	270	79	79000	6000
	OIL & GREASE	MG/L	148	NOT RUN	-	12450	90
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	600	148	75	1076	402
	TOTAL SOLIDS	MG/L	1630	1288	21	55210	4522
	TOTAL DISS. SOLIDS	MG/L	1129	1216	-	7500	1974
	TOTAL VOLATILE SOLIDS	MG/L	494	306	38	31976	2412
	VOLATILE DISS. SOLIDS	MG/L	207	210	-	5147	1184
	TOTAL VOL. SUS. SOLIDS	MG/L	214	35	84	26323	2632
	AMMONIA NITROGEN	MG/L	19	13	32	16	15
	TOC	MG/L	240	57	76	1400	600
VOLATILES	BENZENE	UG/L	27	3	89	88	4
	CHLOROBENZENE	UG/L	2	L 1	50	44	2
	1,1,1-TRICHLOROETHANE	UG/L	140	2	99	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	3	N-D	99+	125	N-D
	CHLOROFORM	UG/L	110	19	83	61	14
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	24	N-D
	ETHYLBENZENE	UG/L	8	L 1	88	451	5
	METHYLENE CHLORIDE	UG/L	55	13	76	148	9
	TRICHLOROFLUOROMETHANE	UG/L	N-D	N-D	-	34	N-D
	DICHLORODIFLUOROMETHANE	UG/L	N-D	N-D	-	N-D	14
	TETRACHLOROETHYLENE	UG/L	51	2	96	963	16
	TOLUENE	UG/L	2800	180	94	6180	178
	TRICHLOROETHYLENE	UG/L	8	L 1	88	885	2
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	N-D	3	-	N-D	N-D
	2,4-DICHLOROPHENOL	UG/L	2	3	-	N-D	N-D
	PENTACHLOROPHENOL	UG/L	6	7	-	N-D	N-D
	PHENOL	UG/L	420	76	82	N-D	N-D
BASE-NEUTRALS	ACENAPHTHENE	UG/L	N-D	7	-	N-D	N-D
	1,2,4-TRICHLOROBENZENE	UG/L	75	16	79	3800	N-D
	1,2-DICHLOROBENZENE	UG/L	10	2	80	N-D	N-D
	1,3-DICHLOROBENZENE	UG/L	N-D	N-D	-	370	N-D
	1,4-DICHLOROBENZENE	UG/L	6	L 1	83	320	N-D
	FLUORANTHENE	UG/L	N-D	N-D	-	350	N-D
	NAPHTHALENE	UG/L	120	24	80	1100	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	19	25	-	6500	370
	BUTYL BENZYL PHTHALATE	UG/L	4	N-D	99+	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	5	3	40	N-D	N-D
	DIETHYL PHTHALATE	UG/L	4	2	50	N-D	N-D
	PHENANTHRENE	UG/L	4	L 1	75	N-D	N-D
	PYRENE	UG/L	N-D	N-D	-	420	N-D
PESTICIDES	GAMMA-BHC	MG/L	U 12000	1400	88	N-D	N-D
METALS	ANTIMONY	UG/L	4	6	-	130	25

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DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	ARSENIC	UG/L	6	4	33	130	22
	BERYLLIUM	UG/L	L 1	L 1	-	L 170	88
	CADMIUM	UG/L	9	6	33	45	L 16
	CHROMIUM	UG/L	354	69	81	5000	760
	COPPER	UG/L	164	8	95	9700	190
	CYANIDE	UG/L	3520	160	95	45400	2650
	LEAD	UG/L	146	90	38	9200	160
	MERCURY	NG/L	2000	L 1000	50	120000	L 4000
	NICKEL	UG/L	91	78	14	1400	79
	SELENIUM	UG/L	2	4	-	L 32	6
	SILVER	UG/L	32	2	94	680	130
	THALLIUM	UG/L	1	1	-	L 21	L 4
	ZINC	UG/L	732	98	87	50000	2300
NON-CONV. METALS	ALUMINUM	UG/L	8310	1180	86	NOT RUN	NOT RUN
	BARIUM	UG/L	242	36	85	NOT RUN	NOT RUN
	BORON	UG/L	195	369	-	NOT RUN	NOT RUN
	CALCIUM	MG/L	46	33	28	NOT RUN	NOT RUN
	IRON	UG/L	5250	574	89	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	10	7	30	NOT RUN	NOT RUN
	MANGANESE	UG/L	229	111	52	NOT RUN	NOT RUN
	SODIUM	MG/L	422	404	4	NOT RUN	NOT RUN
	TIN	UG/L	75	54	28	NOT RUN	NOT RUN
	TITANIUM	UG/L	70	L 2	97	NOT RUN	NOT RUN
	VANADIUM	UG/L	3	L 2	33	NOT RUN	NOT RUN
	YTTRIUM	UG/L	5	L 4	20	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/18
(L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED)

DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/18 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	FILTER FILTRATE	DIGESTER SUPERNATANT	TAP WATER
CONVENTIONALS	BOD	MG/L	585	83	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	352	141	NOT RUN	NOT RUN
	COD	MG/L	1100	380	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	53	3	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	906	179	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	1442	1400	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	1144	970	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	360	614	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	236	279	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	236	64	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	19	51	NOT RUN	NOT RUN
	TOC	MG/L	260	100	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	26	L 1	NOT RUN	NOT RUN
	CHLOROBENZENE	UG/L	2	L 1	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	48	N-D	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	61	L 1	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	9	L 1	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	46	L 1	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	43	N-D	NOT RUN	NOT RUN
	TOLUENE	UG/L	980	2	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	6	N-D	NOT RUN	NOT RUN
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	N-D	4	NOT RUN	NOT RUN
	2,4-DICHLOROPHENOL	UG/L	2	2	NOT RUN	NOT RUN
	PENTACHLOROPHENOL	UG/L	8	9	NOT RUN	NOT RUN
	PHENOL	UG/L	320	240	NOT RUN	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	170	13	NOT RUN	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	20	2	NOT RUN	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	9	L 1	NOT RUN	NOT RUN
	NAPHTHALENE	UG/L	140	24	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	46	6	NOT RUN	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	18	N-D	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	10	1	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	7	2	NOT RUN	NOT RUN
	PHENANTHRENE	UG/L	3	L 1	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	6	3	NOT RUN	NOT RUN
	ARSENIC	UG/L	5	8	NOT RUN	NOT RUN
	CADMIUM	UG/L	10	11	NOT RUN	NOT RUN
	CHROMIUM	UG/L	275	70	NOT RUN	NOT RUN
	COPPER	UG/L	93	53	NOT RUN	NOT RUN
	CYANIDE	UG/L	2750	2700	NOT RUN	NOT RUN
	LEAD	UG/L	125	145	NOT RUN	NOT RUN
	NICKEL	UG/L	96	85	NOT RUN	NOT RUN
	SELENIUM	UG/L	2	4	NOT RUN	NOT RUN
	SILVER	UG/L	15	11	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/18 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	FILTER FILTRATE	DIGESTER SUPERNATANT	TAP WATER
METALS	THALLIUM	UG/L	1	1	NOT RUN	NOT RUN
	ZINC	UG/L	466	195	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	5180	2670	NOT RUN	NOT RUN
	BARIUM	UG/L	167	105	NOT RUN	NOT RUN
	BORON	UG/L	347	144	NOT RUN	NOT RUN
	CALCIUM	MG/L	40	110	NOT RUN	NOT RUN
	COBALT	UG/L	56	L 49	NOT RUN	NOT RUN
	IRON	UG/L	3160	2190	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	8	37	NOT RUN	NOT RUN
	MANGANESE	UG/L	197	181	NOT RUN	NOT RUN
	SODIUM	MG/L	396	267	NOT RUN	NOT RUN
	TIN	UG/L	55	91	NOT RUN	NOT RUN
	TITANIUM	UG/L	32	21	NOT RUN	NOT RUN
	VANADIUM	UG/L	5	L 1	NOT RUN	NOT RUN
	YTTRIUM	UG/L	5	4	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	460	60	87	25000	4400
	TOTAL SUSP. SOLIDS	MG/L	464	53	89	30000	5294
	COD	MG/L	1100	280	75	80000	6400
	OIL & GREASE	MG/L	132	4	97	7500	115
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1089	210	81	2312	346
	TOTAL SOLIDS	MG/L	2054	1346	34	43756	5540
	TOTAL DISS. SOLIDS	MG/L	1164	1281	-	3043	2353
	VOLATILE DISS. SOLIDS	MG/L	282	289	-	652	1618
	TOTAL VOL. SUS. SOLIDS	MG/L	236	40	83	20217	4118
	AMMONIA NITROGEN	MG/L	22	12	45	22	14
	TOC	MG/L	150	58	61	1200	350
VOLATILES	BENZENE	UG/L	16	2	88	N-D	2
	CHLOROBENZENE	UG/L	L 1	N-D	-	41	N-D
	1,1,1-TRICHLOROETHANE	UG/L	8	2	75	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	N-D	-	39	N-D
	CHLOROFORM	UG/L	36	40	-	44	12
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	13	N-D
	ETHYLBENZENE	UG/L	6	L 1	83	250	6
	METHYLENE CHLORIDE	UG/L	58	8	86	49	N-D
	TETRACHLOROETHYLENE	UG/L	37	3	92	97	17
	TOLUENE	UG/L	190	37	81	674	95
	TRICHLOROETHYLENE	UG/L	3	L 1	67	382	N-D
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	1	1	-	N-D	N-D
	PENTACHLOROPHENOL	UG/L	7	N-D	99+	N-D	N-D
	PHENOL	UG/L	720	1	100	910	204
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	160	3	98	3900	N-D
	1,2-DICHLOROBENZENE	UG/L	12	L 1	92	N-D	N-D
	1,3-DICHLOROBENZENE	UG/L	N-D	N-D	-	180	N-D
	1,4-DICHLOROBENZENE	UG/L	9	L 1	89	160	N-D
	FLUORANTHENE	UG/L	N-D	L 1	-	160	N-D
	NAPHTHALENE	UG/L	100	3	97	1600	57
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	10	7	30	4200	210
	BUTYL BENZYL PHTHALATE	UG/L	2	L 1	50	620	N-D
	DI-N-BUTYL PHTHALATE	UG/L	4	2	50	520	N-D
	DIETHYL PHTHALATE	UG/L	5	6	-	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	N-D	N-D	-	120	N-D
	CHRYSENE	UG/L	N-D	N-D	-	120	N-D
	ANTHRACENE	UG/L	N-D	N-D	-	580	46
	PHENANTHRENE	UG/L	3	2	33	580	46
	PYRENE	UG/L	N-D	L 1	-	170	N-D
PESTICIDES	GAMMA-BHC	NG/L	1900	L 1000	47	N-D	N-D
METALS	ANTIMONY	UG/L	4	1	75	95	12
	ARSENIC	UG/L	18	4	78	150	21
	BERYLLIUM	UG/L	1	L 1	-	L 190	L 70

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/19
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DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	CADMIUM	UG/L	10	7	30	L 31	L 16
	CHROMIUM	UG/L	249	56	78	1800	1400
	COPPER	UG/L	124	12	90	5100	420
	CYANIDE	UG/L	4520	104	98	44800	3700
	LEAD	UG/L	164	74	55	13000	700
	MERCURY	NG/L	L 1000	L 1000	-	L 10000	8000
	NICKEL	UG/L	123	66	46	1200	150
	SELENIUM	UG/L	2	5	-	L 26	6
	SILVER	UG/L	24	4	83	320	160
	THALLIUM	UG/L	1	1	-	L 8	L 6
	ZINC	UG/L	526	77	85	24000	4200
NON-CONV. METALS	ALUMINUM	UG/L	15100	1130	93	NOT RUN	NOT RUN
	BARIUM	UG/L	213	38	82	NOT RUN	NOT RUN
	BORON	UG/L	183	261	-	NOT RUN	NOT RUN
	CALCIUM	MG/L	56	35	38	NOT RUN	NOT RUN
	COBALT	UG/L	87	54	38	NOT RUN	NOT RUN
	IRON	UG/L	9120	632	93	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	12	8	33	NOT RUN	NOT RUN
	MANGANESE	UG/L	249	108	57	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	41	L 35	15	NOT RUN	NOT RUN
	SODIUM	MG/L	411	415	-	NOT RUN	NOT RUN
	TIN	UG/L	58	65	-	NOT RUN	NOT RUN
	TITANIUM	UG/L	106	3	97	NOT RUN	NOT RUN
	VANADIUM	UG/L	16	L 2	88	NOT RUN	NOT RUN
	YTTRIUM	UG/L	9	L 4	56	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/19 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	FILTER FILTRATE	DIGESTER SUPERNATANT	TAP WATER
CONVENTIONALS	BOD	MG/L	300	NOT RUN	NOT RUN	1
	TOTAL SUSP. SOLIDS	MG/L	215	NOT RUN	NOT RUN	L 1
	COD	MG/L	900	NOT RUN	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	38	NOT RUN	NOT RUN	5
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1834	NOT RUN	NOT RUN	26
	TOTAL SOLIDS	MG/L	1788	NOT RUN	NOT RUN	152
	TOTAL DISS. SOLIDS	MG/L	1295	NOT RUN	NOT RUN	65
	TOTAL VOLATILE SOLIDS	MG/L	NOT RUN	NOT RUN	NOT RUN	94
	VOLATILE DISS. SOLIDS	MG/L	260	NOT RUN	NOT RUN	21
	TOTAL VOL. SUS. SOLIDS	MG/L	100	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	20	NOT RUN	NOT RUN	L 1
	TOC	MG/L	160	NOT RUN	NOT RUN	4
VOLATILES	BENZENE	UG/L	19	NOT RUN	NOT RUN	L 1
	1,1,1-TRICHLOROETHANE	UG/L	15	NOT RUN	NOT RUN	N-D
	CHLOROFORM	UG/L	56	NOT RUN	NOT RUN	37
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	NOT RUN	NOT RUN	N-D
	ETHYLBENZENE	UG/L	6	NOT RUN	NOT RUN	L 1
	METHYLENE CHLORIDE	UG/L	45	NOT RUN	NOT RUN	L 1
	DICHLOROBROMOMETHANE	UG/L	N-D	NOT RUN	NOT RUN	11
	CHLORODIBROMOMETHANE	UG/L	N-D	NOT RUN	NOT RUN	2
	TETRACHLOROETHYLENE	UG/L	33	NOT RUN	NOT RUN	L 1
	TOLUENE	UG/L	330	NOT RUN	NOT RUN	1
	TRICHLOROETHYLENE	UG/L	4	NOT RUN	NOT RUN	L 1
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	1	NOT RUN	NOT RUN	N-D
	PENTACHLOROPHENOL	UG/L	14	NOT RUN	NOT RUN	N-D
	PHENOL	UG/L	680	NOT RUN	NOT RUN	L 1
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	160	NOT RUN	NOT RUN	N-D
	1,2-DICHLOROBENZENE	UG/L	13	NOT RUN	NOT RUN	N-D
	1,4-DICHLOROBENZENE	UG/L	8	NOT RUN	NOT RUN	N-D
	NAPHTHALENE	UG/L	140	NOT RUN	NOT RUN	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	14	NOT RUN	NOT RUN	1
	BUTYL BENZYL PHTHALATE	UG/L	5	NOT RUN	NOT RUN	N-D
	DI-N-BUTYL PHTHALATE	UG/L	5	NOT RUN	NOT RUN	L 1
	DIETHYL PHTHALATE	UG/L	5	NOT RUN	NOT RUN	L 1
	PHENANTHRENE	UG/L	5	NOT RUN	NOT RUN	N-D
METALS	ANTIMONY	UG/L	6	NOT RUN	NOT RUN	2
	ARSENIC	UG/L	12	NOT RUN	NOT RUN	2
	CADMIUM	UG/L	9	NOT RUN	NOT RUN	9
	CHROMIUM	UG/L	147	NOT RUN	NOT RUN	7
	COPPER	UG/L	88	NOT RUN	NOT RUN	20
	CYANIDE	UG/L	3100	NOT RUN	NOT RUN	50
	LEAD	UG/L	119	NOT RUN	NOT RUN	82
	MERCURY	NG/L	L 1000	NOT RUN	NOT RUN	9000
	NICKEL	UG/L	103	NOT RUN	NOT RUN	13
	SELENIUM	UG/L	4	NOT RUN	NOT RUN	2

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DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/19 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	FILTER FILTRATE	DIGESTER SUPERNATANT		TAP WATER
METALS	SILVER	UG/L	25	NOT RUN	NOT RUN		2
	THALLIUM	UG/L	1	NOT RUN	NOT RUN	L	1
	ZINC	UG/L	408	NOT RUN	NOT RUN		16
NON-CONV. METALS	ALUMINUM	UG/L	8250	NOT RUN	NOT RUN		80
	BARIUM	UG/L	146	NOT RUN	NOT RUN		24
	BORON	UG/L	169	NOT RUN	NOT RUN	L	2
	CALCIUM	MG/L	42	NOT RUN	NOT RUN		24
	COBALT	UG/L	61	NOT RUN	NOT RUN		73
	IRON	UG/L	4010	NOT RUN	NOT RUN		69
	MAGNESIUM	MG/L	9	NOT RUN	NOT RUN		5
	MANGANESE	UG/L	203	NOT RUN	NOT RUN		5
	SODIUM	MG/L	413	NOT RUN	NOT RUN		10
	TIN	UG/L	57	NOT RUN	NOT RUN		59
	TITANIUM	UG/L	53	NOT RUN	NOT RUN	L	2
	VANADIUM	UG/L	6	NOT RUN	NOT RUN		3
	YTTRIUM	UG/L	6	NOT RUN	NOT RUN	L	3

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DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	440	55	88	17000	3800
	TOTAL SUSP. SOLIDS	MG/L	362	44	88	42000	4366
	COD	MG/L	810	230	72	55000	5600
	OIL & GREASE	MG/L	61	4	93	5900	200
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1931	564	71	2565	543
	TOTAL SOLIDS	MG/L	1084	1192	-	52486	4786
	TOTAL DISS. SOLIDS	MG/L	692	1030	-	4800	2394
	TOTAL VOLATILE SOLIDS	MG/L	270	222	18	27180	2682
	VOLATILE DISS. SOLIDS	MG/L	81	184	-	2800	1127
	TOTAL VOL. SUS. SOLIDS	MG/L	235	36	85	23000	2958
	AMMONIA NITROGEN	MG/L	23	14	39	32	15
	TOC	MG/L	140	48	66	1500	625
VOLATILES	BENZENE	UG/L	11	1	91	N-D	2
	CHLOROBENZENE	UG/L	2	L 1	50	66	N-D
	1,1,1-TRICHLOROETHANE	UG/L	10	L 1	90	N-D	N-D
	CHLOROFORM	UG/L	19	15	21	N-D	5
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 1	67	123	N-D
	ETHYLBENZENE	UG/L	39	2	95	215	5
	METHYLENE CHLORIDE	UG/L	6	5	17	30	N-D
	TETRACHLOROETHYLENE	UG/L	170	3	98	N-D	22
	TOLUENE	UG/L	570	35	94	522	41
	TRICHLOROETHYLENE	UG/L	33	L 1	97	47	7
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	3	2	33	N-D	N-D
	2,4-DICHLOROPHENOL	UG/L	2	L 1	50	N-D	N-D
	PENTACHLOROPHENOL	UG/L	9	4	56	N-D	N-D
	PHENOL	UG/L	680	15	98	N-D	N-D
BASE-NEUTRALS	ACENAPHTHENE	UG/L	N-D	2	-	N-D	N-D
	1,2,4-TRICHLOROBENZENE	UG/L	52	10	81	2900	N-D
	1,2-DICHLOROBENZENE	UG/L	4	L 1	75	N-D	N-D
	1,3-DICHLOROBENZENE	UG/L	2	N-D	99+	N-D	N-D
	1,4-DICHLOROBENZENE	UG/L	3	L 1	67	260	N-D
	FLUORANTHENE	UG/L	N-D	N-D	-	202	N-D
	NAPHTHALENE	UG/L	44	4	91	1800	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	15	2	87	6060	209
	BUTYL BENZYL PHTHALATE	UG/L	2	N-D	99+	860	N-D
	DI-N-BUTYL PHTHALATE	UG/L	3	1	67	730	N-D
	DIETHYL PHTHALATE	UG/L	10	1	90	N-D	N-D
	ANTHRACENE	UG/L	N-D	N-D	-	520	N-D
	PHENANTHRENE	UG/L	2	L 1	50	520	N-D
	PYRENE	UG/L	N-D	N-D	-	230	N-D
METALS	ANTIMONY	UG/L	8	5	38	74	26
	ARSENIC	UG/L	12	6	50	280	24
	BERYLLIUM	UG/L	L 1	L 1	-	310	76
	CADMIUM	UG/L	10	5	50	L 42	L 16
	CHROMIUM	UG/L	130	40	69	6000	720

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/20
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N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	COPPER	UG/L	125	20	84	8900	400
	CYANIDE	UG/L	7580	72	99	39400	2580
	LEAD	UG/L	152	81	47	14000	740
	MERCURY	NG/L	L 1000	L 1000	-	L 12000	9000
	NICKEL	UG/L	140	103	26	1400	260
	SELENIUM	UG/L	3	2	33	L 32	6
	SILVER	UG/L	23	2	91	940	180
	THALLIUM	UG/L	1	2	-	L 8	L 37
	ZINC	UG/L	474	90	81	29000	4200
NON-CONV. METALS	ALUMINUM	UG/L	7580	892	88	NOT RUN	NOT RUN
	BARIUM	UG/L	150	34	77	NOT RUN	NOT RUN
	BORON	UG/L	288	219	24	NOT RUN	NOT RUN
	CALCIUM	MG/L	42	37	12	NOT RUN	NOT RUN
	COBALT	UG/L	58	L 50	14	NOT RUN	NOT RUN
	IRON	UG/L	4430	562	87	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	8	8	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	323	111	66	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	38	L 35	8	NOT RUN	NOT RUN
	SODIUM	MG/L	240	357	-	NOT RUN	NOT RUN
	TIN	UG/L	69	78	-	NOT RUN	NOT RUN
	TITANIUM	UG/L	46	L 2	96	NOT RUN	NOT RUN
	VANADIUM	UG/L	8	L 1	88	NOT RUN	NOT RUN
	YTTRIUM	UG/L	5	L 3	40	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/20
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DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/20 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	FILTER FILTRATE	DIGESTER SUPERNATANT	TAP WATER
CONVENTIONALS	BOD	MG/L	360	NOT RUN	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	191	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	620	NOT RUN	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	31	NOT RUN	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1284	NOT RUN	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	986	NOT RUN	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	726	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	228	NOT RUN	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	83	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	112	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	21	NOT RUN	NOT RUN	NOT RUN
	TOC	MG/L	130	NOT RUN	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	11	NOT RUN	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	15	NOT RUN	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	21	NOT RUN	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	NOT RUN	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	46	NOT RUN	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	5	NOT RUN	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	64	NOT RUN	NOT RUN	NOT RUN
	TOLUENE	UG/L	480	NOT RUN	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	6	NOT RUN	NOT RUN	NOT RUN
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	3	NOT RUN	NOT RUN	NOT RUN
	PENTACHLOROPHENOL	UG/L	7	NOT RUN	NOT RUN	NOT RUN
	PHENOL	UG/L	450	NOT RUN	NOT RUN	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	31	NOT RUN	NOT RUN	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	2	NOT RUN	NOT RUN	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	2	NOT RUN	NOT RUN	NOT RUN
	NAPHTHALENE	UG/L	23	NOT RUN	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	9	NOT RUN	NOT RUN	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	1	NOT RUN	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	2	NOT RUN	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	11	NOT RUN	NOT RUN	NOT RUN
	PHENANTHRENE	UG/L	2	NOT RUN	NOT RUN	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	3800	NOT RUN	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	6	NOT RUN	NOT RUN	NOT RUN
	ARSENIC	UG/L	10	NOT RUN	NOT RUN	NOT RUN
	CADMIUM	UG/L	8	NOT RUN	NOT RUN	NOT RUN
	CHROMIUM	UG/L	104	NOT RUN	NOT RUN	NOT RUN
	COPPER	UG/L	69	NOT RUN	NOT RUN	NOT RUN
	CYANIDE	UG/L	4630	NOT RUN	NOT RUN	NOT RUN
	LEAD	UG/L	113	NOT RUN	NOT RUN	NOT RUN
	NICKEL	UG/L	277	NOT RUN	NOT RUN	NOT RUN
	SELENIUM	UG/L	3	NOT RUN	NOT RUN	NOT RUN
	SILVER	UG/L	18	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/20
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A D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/20 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	FILTER FILTRATE	DIGESTER SUPERNATANT	TAP WATER
METALS	THALLIUM	UG/L	2	NOT RUN	NOT RUN	NOT RUN
	ZINC	UG/L	322	NOT RUN	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	3540	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	114	NOT RUN	NOT RUN	NOT RUN
	BORON	UG/L	77	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	42	NOT RUN	NOT RUN	NOT RUN
	COBALT	UG/L	71	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	2520	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	8	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	236	NOT RUN	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	38	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	262	NOT RUN	NOT RUN	NOT RUN
	TIN	UG/L	47	NOT RUN	NOT RUN	NOT RUN
	TITANIUM	UG/L	18	NOT RUN	NOT RUN	NOT RUN
	VANADIUM	UG/L	2	NOT RUN	NOT RUN	NOT RUN
	YTTRIUM	UG/L	4	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/20
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	330	40	88	25000	2000
	TOTAL SUSP. SOLIDS	MG/L	244	19	92	31429	4133
	COD	MG/L	660	150	77	47000	4400
	OIL & GREASE	MG/L	40	N-D	99+	7500	200
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	869	106	88	1189	205
	TOTAL SOLIDS	MG/L	980	888	9	42512	4400
	TOTAL DISS. SOLIDS	MG/L	700	678	3	1667	1733
	TOTAL VOLATILE SOLIDS	MG/L	312	148	53	21770	2540
	VOLATILE DISS. SOLIDS	MG/L	107	95	11	476	1333
	TOTAL VOL. SUS. SOLIDS	MG/L	178	16	91	16905	NOT RUN
	AMMONIA NITROGEN	MG/L	22	10	55	27	13
	TOC	MG/L	130	33	75	1500	625
VOLATILES	BENZENE	UG/L	6	1	83	N-D	3
	CHLOROBENZENE	UG/L	2	L 1	50	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	42	2	95	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	N-D	-	82	N-D
	CHLOROFORM	UG/L	17	19	-	N-D	3
	1,2-TRANS-DICHLOROETHYLENE	UG/L	2	L 1	50	139	N-D
	ETHYLBENZENE	UG/L	730	3	100	163	5
	METHYLENE CHLORIDE	UG/L	9	6	33	21	N-D
	TETRACHLOROETHYLENE	UG/L	35	1	97	N-D	14
	TOLUENE	UG/L	690	16	98	332	36
	TRICHLOROETHYLENE	UG/L	6	1	83	N-D	2
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	3	2	33	N-D	N-D
	2,4-DICHLOROPHENOL	UG/L	L 1	1	-	N-D	N-D
	PENTACHLOROPHENOL	UG/L	7	3	57	N-D	N-D
	PHENOL	UG/L	260	6	98	N-D	N-D
BASE-NEUTRALS	ACENAPHTHENE	UG/L	N-D	2	-	N-D	N-D
	1,2,4-TRICHLOROBENZENE	UG/L	65	9	86	1500	33
	1,2-DICHLOROBENZENE	UG/L	1	L 1	-	N-D	N-D
	1,4-DICHLOROBENZENE	UG/L	2	L 1	50	180	N-D
	FLUORANTHENE	UG/L	1	N-D	99+	160	N-D
	NAPHTHALENE	UG/L	20	10	50	607	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	15	2	87	3700	330
	BUTYL BENZYL PHTHALATE	UG/L	3	N-D	99+	650	N-D
	DI-N-BUTYL PHTHALATE	UG/L	4	1	75	440	N-D
	DIETHYL PHTHALATE	UG/L	4	1	75	N-D	N-D
	ANTHRACENE	UG/L	N-D	N-D	-	380	N-D
	PHENANTHRENE	UG/L	5	L 1	80	380	N-D
	PYRENE	UG/L	2	N-D	99+	190	N-D
PESTICIDES	ALPHA-ENDOSULFAN	NG/L	2700	N-D	99+	N-D	N-D
METALS	ANTIMONY	UG/L	4	8	-	55	27
	ARSENIC	UG/L	5	4	20	180	22
	BERYLLIUM	UG/L	L 1	L 1	-	230	L 70

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	CADMIUM	UG/L	10	7	30	110	L 16
	CHROMIUM	UG/L	41	23	44	4500	1300
	COPPER	UG/L	97	18	81	6400	380
	CYANIDE	UG/L	5270	145	97	43800	2480
	LEAD	UG/L	148	89	40	8100	1100
	MERCURY	NG/L	L 1000	L 1000	-	L 10000	9000
	NICKEL	UG/L	31	78	-	1000	150
	SELENIUM	UG/L	2	2	-	L 27	10
	SILVER	UG/L	16	1	94	1400	180
	THALLIUM	UG/L	1	1	-	L 13	L 5
	ZINC	UG/L	389	102	74	40000	4900
NON-CONV. METALS	ALUMINUM	UG/L	5000	357	93	NOT RUN	NOT RUN
	BARIUM	UG/L	113	26	77	NOT RUN	NOT RUN
	BORON	UG/L	242	144	40	NOT RUN	NOT RUN
	CALCIUM	MG/L	38	41	-	NOT RUN	NOT RUN
	COBALT	UG/L	L 49	84	-	NOT RUN	NOT RUN
	IRON	UG/L	2230	363	84	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	8	8	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	195	151	23	NOT RUN	NOT RUN
	SODIUM	MG/L	235	248	-	NOT RUN	NOT RUN
	TIN	UG/L	62	64	-	NOT RUN	NOT RUN
	TITANIUM	UG/L	21	L 2	90	NOT RUN	NOT RUN
	VANADIUM	UG/L	3	2	33	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/21 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	FILTER FILTRATE	DIGESTER SUPERNATANT	TAP WATER
CONVENTIONALS	BOD	MG/L	270	NOT RUN	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	177	NOT RUN	NOT RUN	NOT RUN
	COD	MG/L	580	NOT RUN	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	24	NOT RUN	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	716	NOT RUN	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	956	NOT RUN	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	597	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	244	NOT RUN	NOT RUN	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	60	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	96	NOT RUN	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	22	NOT RUN	NOT RUN	NOT RUN
	TOC	MG/L	120	NOT RUN	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	12	NOT RUN	NOT RUN	NOT RUN
	CHLOROBENZENE	UG/L	2	NOT RUN	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	25	NOT RUN	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	11	NOT RUN	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	NOT RUN	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	32	NOT RUN	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	6	NOT RUN	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	15	NOT RUN	NOT RUN	NOT RUN
	TOLUENE	UG/L	350	NOT RUN	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	8	NOT RUN	NOT RUN	NOT RUN
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	2	NOT RUN	NOT RUN	NOT RUN
	2,4-DICHLOROPHENOL	UG/L	1	NOT RUN	NOT RUN	NOT RUN
	PENTACHLOROPHENOL	UG/L	4	NOT RUN	NOT RUN	NOT RUN
	PHENOL	UG/L	600	NOT RUN	NOT RUN	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	48	NOT RUN	NOT RUN	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	2	NOT RUN	NOT RUN	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	2	NOT RUN	NOT RUN	NOT RUN
	NAPHTHALENE	UG/L	23	NOT RUN	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	7	NOT RUN	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	2	NOT RUN	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	2	NOT RUN	NOT RUN	NOT RUN
	PHENANTHRENE	UG/L	3	NOT RUN	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	3	NOT RUN	NOT RUN	NOT RUN
	ARSENIC	UG/L	6	NOT RUN	NOT RUN	NOT RUN
	CADMIUM	UG/L	11	NOT RUN	NOT RUN	NOT RUN
	CHROMIUM	UG/L	100	NOT RUN	NOT RUN	NOT RUN
	COPPER	UG/L	96	NOT RUN	NOT RUN	NOT RUN
	CYANIDE	UG/L	4180	NOT RUN	NOT RUN	NOT RUN
	LEAD	UG/L	143	NOT RUN	NOT RUN	NOT RUN
	NICKEL	UG/L	58	NOT RUN	NOT RUN	NOT RUN
	SELENIUM	UG/L	2	NOT RUN	NOT RUN	NOT RUN
	SILVER	UG/L	265	NOT RUN	NOT RUN	NOT RUN
	THALLIUM	UG/L	1	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 36

SAMPLE DATE ENDING 80/09/21 0800 HOURS

FRACTION	PARAMETER	UNITS	PRIMARY EFFLUENT	FILTER FILTRATE	DIGESTER SUPERNATANT	TA. WATER
METALS	ZINC	UG/L	836	NOT RUN	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	5760	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	125	NOT RUN	NOT RUN	NOT RUN
	BORON	UG/L	73	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	43	NOT RUN	NOT RUN	NOT RUN
	COBALT	UG/L	66	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	3680	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	8	NOT RUN	NOT RUN	NOT RUN
	MANGANESE	UG/L	272	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	212	NOT RUN	NOT RUN	NOT RUN
	TIN	UG/L	53	NOT RUN	NOT RUN	NOT RUN
	TITANIUM	UG/L	36	NOT RUN	NOT RUN	NOT RUN
	VANADIUM	UG/L	7	NOT RUN	NOT RUN	NOT RUN
	YTTRIUM	UG/L	5	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/09/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 37
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/11/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	410	35	91	300	19300	14600
	TOTAL SUSP. SOLIDS	MG/L	256	9	96	70	42600	4853
	COD	MG/L	500	150	70	200	101300	7600
	OIL & GREASE	MG/L	31	1	97	17	5600	93
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	31	2	94	35	332	31
	TOTAL SOLIDS	MG/L	1566	1096	30	1180	60708	5780
	TOTAL DISS. SOLIDS	MG/L	1183	976	17	1138	9680	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	446	260	42	262	2395	4130
	VOLATILE DISS. SOLIDS	MG/L	228	110	52	211	5161	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	211	8	96	58	35161	4559
	AMMONIA NITROGEN	MG/L	L 1	14	-	26	128	48
	TOC	MG/L	130	19	85	120	8600	700
VOLATILES	BENZENE	UG/L	12	L 1	92	10	43	N-D
	CHLOROBENZENE	UG/L	L 1	L 1	-	L 1	16	N-D
	1,1,1-TRICHLOROETHANE	UG/L	88	7	92	74	222	7
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	1	36	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	46	N-D
	CHLOROFORM	UG/L	8	2	75	8	23	2
	1,1-DICHLOROETHYLENE	UG/L	3	L 1	67	L 1	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	L 1	10	N-D
	ETHYLBENZENE	UG/L	10	L 1	90	9	160	N-D
	METHYLENE CHLORIDE	UG/L	160	54	66	150	136	93
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	L 1	4	N-D
	DICHLORODIFLUOROMETHANE	UG/L	42	L 20	52	72	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	110	10	91	93	1190	86
	TOLUENE	UG/L	51	L 1	98	47	214	N-D
	TRICHLOROETHYLENE	UG/L	20	2	90	21	529	6
ACID EXTRACT	PHENOL	UG/L	7	L 1	86	8	N-D	N-D
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	19	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	8	L 3	63	25	4400	540
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	L 3	770	N-D
	DI-N-BUTYL PHTHALATE	UG/L	74	6	92	53	3200	89
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	40	N-D
	CHRYSENE	UG/L	L 5	L 5	-	L 5	40	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	75	7
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	75	7
	PYRENE	UG/L	L 4	L 4	-	L 4	25	N-D
PESTICIDES	GAMMA-BHC	NG/L	L 200	70	-	L 200	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	5	L 1
	ARSENIC	UG/L	L 50	L 50	-	L 50	95	9
	CADMIUM	UG/L	54	L 2	96	14	5600	810
	CHROMIUM	UC/L	180	34	81	118	9200	3400
	COPPER	UG/L	333	30	91	208	43000	5300

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 37
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/11/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	CYANIDE	UG/L	265	135	49	296	5400	695
	LEAD	UG/L	150	L 50	67	L 50	23000	2100
	MERCURY	NG/L	500	L 200	60	400	L 37000	13000
	NICKEL	UG/L	142	83	42	108	1900	1300
	SELENIUM	UG/L	L 5	L 5	-	L 5	L 11	7
	SILVER	UG/L	20	L 5	75	8	24000	260
	ZINC	UG/L	374	70	81	164	18000	2400
NON-CONV. METALS	ALUMINUM	UG/L	1730	82	95	560	NOT RUN	NOT RUN
	BARIUM	UG/L	154	58	62	105	NOT RUN	NOT RUN
	CALCIUM	MG/L	82	71	13	75	NOT RUN	NOT RUN
	IRON	UG/L	1040	102	90	502	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	22	21	5	21	NOT RUN	NOT RUN
	MANGANESE	UG/L	41	29	29	31	NOT RUN	NOT RUN
	SODIUM	MG/L	216	213	1	209	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 37
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/11/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	405	45	89	330	13000	16400
	TOTAL SUSP. SOLIDS	MG/L	187	8	96	105	47700	7000
	COD	MG/L	400	120	70	120	92000	8000
	OIL & GREASE	MG/L	34	6	82	18	5600	87
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	20	7	65	24	226	10
	TOTAL SOLIDS	MG/L	1314	1084	18	1176	57456	6104
	TOTAL DISS. SOLIDS	MG/L	1110	1010	9	1060	6666	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	350	172	51	252	44638	4358
	VOLATILE DISS. SOLIDS	MG/L	198	148	25	178	3670	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	158	7	96	84	39300	NOT RUN
	AMMONIA NITROGEN	MG/L	32	17	47	23	125	52
	TOC	MG/L	60	20	67	70	7400	1200
VOLATILES	BENZENE	UG/L	16	L 1	94	13	41	N-D
	1,1,1-TRICHLOROETHANE	UG/L	21	3	86	21	234	21
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	2	96	N-D
	CHLOROFORM	UG/L	4	1	75	4	17	1
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	6	N-D
	ETHYLBENZENE	UG/L	3	19	-	4	100	N-D
	METHYLENE CHLORIDE	UG/L	39	16	59	42	175	34
	TETRACHLOROETHYLENE	UG/L	5	7	-	1	1340	21
	TOLUENE	UG/L	29	L 1	97	35	323	N-D
	TRICHLOROETHYLENE	UG/L	93	3	97	91	764	9
ACID EXTRACT	PHENOL	UG/L	L 1	L 1	-	2	N-D	305
BASE-NEUTRALS	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	210	N-D
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	210	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	20	170
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 3	L 3	-	L 3	4300	82
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	L 3	1300	N-D
	DI-N-BUTYL PHTHALATE	UG/L	140	L 4	97	160	5400	120
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	42	42
	CHRYSENE	UG/L	L 5	L 5	-	L 5	42	42
	ACENAPHTHYLENE	UG/L	L 10	L 10	-	L 10	N-D	32
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	69	280
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	69	280
	PYRENE	UG/L	L 4	L 4	-	L 4	24	120
PESTICIDES	GAMMA-BHC	NG/L	90	70	22	200	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	32	3
	ARSENIC	UG/L	L 50	L 50	-	L 50	62	6
	CADMIUM	UG/L	191	L 2	99	94	16000	1300
	CHROMIUM	UG/L	71	29	59	86	11000	2200
	COPPER	UG/L	156	L 2	99	101	38000	9500
	CYANIDE	UG/L	250	104	58	207	7100	738
	LEAD	UG/L	L 50	L 50	-	L 50	27000	1900

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 37
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/11/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	MERCURY	MG/L	400	200	50	700	L 11000	L 2000
	NICKEL	UG/L	41	44	-	31	1400	940
	SELENIUM	UG/L	L 5	L 5	-	L 5	11	1
	SILVER	UG/L	L 5	L 5	-	L 5	L 230	310
	ZINC	UG/L	185	35	81	104	34000	5800
NON-CONV. METALS	ALUMINUM	UG/L	1180	131	89	580	NOT RUN	NOT RUN
	BARIUM	UG/L	141	57	60	91	NOT RUN	NOT RUN
	CALCIUM	MG/L	75	70	7	67	NOT RUN	NOT RUN
	IRON	UG/L	792	109	86	444	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	22	21	5	20	NOT RUN	NOT RUN
	MANGANESE	UG/L	41	25	39	32	NOT RUN	NOT RUN
	SODIUM	MG/L	214	220	-	198	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 37
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/11/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	240	26	89	185	2800	4800
	TOTAL SUSP. SOLIDS	MG/L	219	8	96	65	49320	4364
	COD	MG/L	770	60	92	460	97300	13200
	OIL & GREASE	MG/L	45	1	98	22	6400	60
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	103	6	94	9	297	6
	TOTAL SOLIDS	MG/L	1398	1042	25	1188	54108	6084
	TOTAL DISS. SOLIDS	MG/L	1100	1042	5	858	12140	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	492	172	65	298	40682	4378
	VOLATILE DISS. SOLIDS	MG/L	316	213	33	282	3930	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	176	6	97	52	38600	4000
	AMMONIA NITROGEN	MG/L	28	17	39	26	125	48
	TOC	MG/L	90	17	81	100	4400	1200
VOLATILES	BENZENE	UG/L	11	L 1	91	9	22	N-D
	1,1,1-TRICHLOROETHANE	UG/L	180	17	91	190	208	19
	1,1-DICHLOROETHANE	UG/L	13	L 1	92	12	22	N-D
	CHLOROFORM	UG/L	7	2	71	6	10	2
	1,1-DICHLOROETHYLENE	UG/L	2	L 1	50	2	N-D	N-D
	ETHYLBENZENE	UG/L	7	L 1	86	7	73	N-D
	METHYLENE CHLORIDE	UG/L	200	42	79	160	149	39
	TETRACHLOROETHYLENE	UG/L	29	7	76	29	930	26
	TOLUENE	UG/L	65	6	91	45	229	N-D
	TRICHLORDETHYLENE	UG/L	53	1	98	35	205	2
ACID EXTRACT	PHENOL	UG/L	10	L 1	90	8	N-D	660
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	5	L 5	-	10	N-D	N-D
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	37	N-D
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	190	N-D
	NAPHTHALENE	UG/L	L 3	L 3	-	8	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	42	8	81	44	5000	420
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	L 3	920	N-D
	DI-N-BUTYL PHTHALATE	UG/L	27	L 4	85	76	6900	209
	DIETHYL PHTHALATE	UG/L	5	L 5	-	L 5	N-D	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	72	N-D
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	72	N-D
PESTICIDES	GAMMA-BHC	NG/L	L 50	50	-	100	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	35	2
	ARSENIC	UG/L	L 50	L 50	-	L 50	62	3
	CADMIUM	UG/L	37	6	84	18	4100	1400
	CHROMIUM	UG/L	142	20	86	86	14000	4000
	COPPER	UG/L	467	21	96	244	24000	9900
	CYANIDE	UG/L	276	92	67	228	5100	598
	LEAD	UG/L	108	L 50	54	L 50	10000	1700
	MERCURY	NG/L	1000	L 200	80	300	L 6000	L 2000
	NICKEL	UG/L	123	37	70	88	L 780	890

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 37
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/11/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	SELENIUM	UG/L	L 5	L 5	-	L 5	37	12
	SILVER	UG/L	19	L 5	74	9	4000	390
	ZINC	UG/L	426	48	89	188	14000	5300
NON-CONV. METALS	ALUMINUM	UG/L	1320	83	94	545	NOT RUN	NOT RUN
	BARIUM	UG/L	155	63	59	96	NOT RUN	NOT RUN
	CALCIUM	MG/L	73	72	1	70	NOT RUN	NOT RUN
	IRON	UG/L	1200	80	93	503	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	22	22	-	22	NOT RUN	NOT RUN
	MANGANESE	UG/L	42	27	36	31	NOT RUN	NOT RUN
	SODIUM	MG/L	207	218	-	209	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 37
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/11/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	260	14	95	150	23000	4000
	TOTAL SUSP. SOLIDS	MG/L	313	5	98	12	26800	2500
	COD	MG/L	440	60	86	300	78700	6400
	OIL & GREASE	MG/L	30	NOT RUN	-	26	4100	53
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	91	8	91	64	419	10
	TOTAL SOLIDS	MG/L	1280	1160	9	1208	43636	5482
	TOTAL DISS. SOLIDS	MG/L	1070	1010	6	1060	26765	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	318	158	50	252	32026	3910
	VOLATILE DISS. SOLIDS	MG/L	158	180	-	180	10588	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	243	2	99	11	20300	2300
	AMMONIA NITROGEN	MG/L	25	17	32	22	134	50
	TOC	MG/L	70	18	74	90	6000	1160
VOLATILES	BENZENE	UG/L	12	L 1	92	L 1	19	N-D
	1,1,1-TRICHLOROETHANE	UG/L	150	16	89	130	479	18
	1,1-DICHLOROETHANE	UG/L	11	L 1	91	10	44	N-D
	CHLOROFORM	UG/L	8	2	75	L 1	17	2
	1,1-DICHLOROETHYLENE	UG/L	2	L 1	50	1	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	6	188	N-D
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	9	N-D	N-D
	ETHYLBENZENE	UG/L	10	L 1	90	8	85	N-D
	METHYLENE CHLORIDE	UG/L	210	58	72	200	216	58
	TETRACHLOROETHYLENE	UG/L	24	7	71	34	939	26
	TOLUENE	UG/L	67	L 1	99	57	393	N-D
	TRICHLOROETHYLENE	UG/L	63	1	98	41	168	3
ACID EXTRACT	PHENOL	UG/L	7	L 1	86	6	N-D	480
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	76	N-D
	BIS(2-CHLOROETHYOXY) METHANE	UG/L	L 10	L 10	-	29	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	42	L 3	93	63	5080	404
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	L 3	1200	N-D
	DI-N-BUTYL PHTHALATE	UG/L	120	6	95	87	4900	190
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	71	N-D
	CHRYSENE	UG/L	L 5	L 5	-	L 5	71	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	130	N-D
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	130	N-D
	PYRENE	UG/L	L 4	L 4	-	L 4	64	N-D
PESTICIDES	HEPTACHLOR	NG/L	200	L 100	50	L 100	N-D	N-D
	GAMMA-BHC	NG/L	100	60	40	L 50	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	19	3
	ARSENIC	UG/L	L 50	L 50	-	L 50	26	3
	CADMIUM	UG/L	53	4	92	26	5400	1300
	CHROMIUM	UG/L	123	22	82	76	9900	3600
	COPPER	UG/L	405	11	97	235	42000	10000
	CYANIDE	UG/L	230	96	58	220	4600	505

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 37
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/11/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	LEAD	UG/L	133	L 50	62	55	15000	1900
	MERCURY	NG/L	500	400	20	L 200	L 3000	L 2000
	NICKEL	UG/L	91	57	37	71	1400	800
	SELENIUM	UG/L	L 5	L 5	-	L 5	24	L 1
	SILVER	UG/L	17	L 5	71	11	2200	380
	ZINC	UG/L	394	64	84	154	30000	7000
NON-CONV. METALS	ALUMINUM	UG/L	1500	56	96	543	NOT RUN	NOT RUN
	BARIUM	UG/L	166	56	66	96	NOT RUN	NOT RUN
	CALCIUM	MG/L	77	70	9	73	NOT RUN	NOT RUN
	IRON	UG/L	1630	72	96	629	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	22	22	-	22	NOT RUN	NOT RUN
	MANGANESE	UG/L	55	26	53	38	NOT RUN	NOT RUN
	SODIUM	MG/L	210	212	-	204	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 37
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/11/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	250	18	93	165	32000	9500
	TOTAL SUSP. SOLIDS	MG/L	71	L 1	99	32	23800	479
	COD	MG/L	570	40	93	280	85300	7600
	OIL & GREASE	MG/L	45	9	80	17	6800	167
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	24	15	38	45	454	10
	TOTAL SOLIDS	MG/L	1074	1080	-	1160	43400	5512
	TOTAL DISS. SOLIDS	MG/L	1130	1031	9	1030	7586	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	198	128	35	200	32020	3818
	VOLATILE DISS. SOLIDS	MG/L	384	126	67	257	4480	3560
	TOTAL VOL. SUS. SOLIDS	MG/L	68	L 1	99	NOT RUN	18600	479
	AMMONIA NITROGEN	MG/L	26	13	50	24	129	51
	TOC	MG/L	110	8	93	90	5000	740
VOLATILES	BENZENE	UG/L	9	L 1	89	9	26	N-D
	1,1,1-TRICHLOROETHANE	UG/L	150	19	87	200	449	23
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	3	52	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	1960	33
	CHLOROFORM	UG/L	6	2	67	6	11	2
	1,1-DICHLOROETHYLENE	UG/L	L 1	L 1	-	4	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	7	N-D
	ETHYLBENZENE	UG/L	11	20	-	7	106	N-D
	METHYLENE CHLORIDE	UG/L	130	48	63	130	2460	42
	TETRACHLOROETHYLENE	UG/L	59	24	59	35	N-D	N-D
	TOLUENE	UG/L	29	L 1	97	28	326	N-D
	TRICHLOROETHYLENE	UG/L	120	3	97	170	305	45
ACID EXTRACT	PHENOL	UG/L	7	L 1	86	10	N-D	450
BASE-NEUTRALS	NAPHTHALENE	UG/L	5	L 3	40	L 3	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	41	L 3	93	24	3800	450
	BUTYL BENZYL PHTHALATE	UG/L	10	L 3	70	L 3	1061	N-D
	DI-N-BUTYL PHTHALATE	UG/L	43	L 4	91	44	4200	180
	DIETHYL PHTHALATE	UG/L	10	L 5	50	L 5	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	43	N-D
	CHRYSENE	UG/L	L 5	L 5	-	L 5	43	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	55	N-D
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	55	N-D
PESTICIDES	ALPHA-BHC	NG/L	L 50	20	-	L 50	N-D	N-D
	GAMMA-BHC	NG/L	70	70	-	100	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	23	3
	ARSENIC	UG/L	L 50	L 50	-	L 50	24	3
	CADMIUM	UG/L	33	L 2	94	16	4200	1200
	CHROMIUM	UG/L	117	19	84	77	7900	2400
	COPPER	UG/L	347	6	98	209	28000	9900
	CYANIDE	UG/L	210	112	47	204	5400	573
	LEAD	UG/L	79	L 50	37	L 50	20000	1700

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/20
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 37
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/11/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	MERCURY	NG/L	500	L 200	60	500	L 4000	L 2000
	NICKEL	UG/L	78	53	32	64	L 670	550
	SELENIUM	UG/L	L 5	L 5	-	L 5	28	6
	SILVER	UG/L	20	L 5	75	15	2600	420
	ZINC	UG/L	338	56	83	153	19000	5200
NON-CONV. METALS	ALUMINUM	UG/L	1430	76	95	563	NOT RUN	NOT RUN
	BARIUM	UG/L	149	58	61	104	NOT RUN	NOT RUN
	CALCIUM	MG/L	74	71	4	73	NOT RUN	NOT RUN
	IRON	UG/L	1420	84	94	633	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	22	22	-	22	NOT RUN	NOT RUN
	MANGANESE	UG/L	46	32	30	40	NOT RUN	NOT RUN
	SODIUM	MG/L	215	220	-	221	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/20
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 37
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/11/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	250	14	94	195	31000	5200
	TOTAL SUSP. SOLIDS	MG/L	191	9	95	57	29300	3020
	COD	MG/L	520	60	88	400	95000	7600
	OIL & GREASE	MG/L	46	10	78	12	5900	187
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	16	9	44	12	238	17
	TOTAL SOLIDS	MG/L	1226	1028	16	1102	61562	5518
	TOTAL DISS. SOLIDS	MG/L	1110	1049	5	1095	21111	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	314	212	32	228	43450	3924
	VOLATILE DISS. SOLIDS	MG/L	163	162	1	121	11500	2190
	TOTAL VOL. SUS. SOLIDS	MG/L	178	9	95	48	27400	2920
	AMMONIA NITROGEN	MG/L	29	18	38	27	135	56
	TOC	MG/L	130	15	88	100	11800	1040
VOLATILES	BENZENE	UG/L	11	L 1	91	10	21	N-D
	1,2-DICHLOROETHANE	UG/L	1	L 1	-	L 1	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	160	11	93	85	303	11
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	1	46	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	3040	30
	CHLOROFORM	UG/L	11	2	82	12	13	2
	1,1-DICHLOROETHYLENE	UG/L	4	L 1	75	1	N-D	N-D
	ETHYLBENZENE	UG/L	14	L 1	93	11	158	N-D
	METHYLENE CHLORIDE	UG/L	160	56	65	130	277	35
	TETRACHLOROETHYLENE	UG/L	41	23	44	14	N-D	N-D
	TOLUENE	UG/L	80	L 1	99	74	324	N-D
	TRICHLOROETHYLENE	UG/L	160	4	97	160	988	42
ACID EXTRACT	PHENOL	UG/L	L 1	L 1	-	10	N-D	N-D
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	N-D	12
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 3	L 3	-	L 3	4800	250
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	L 3	1200	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	94	3800	94
	DIETHYL PHTHALATE	UG/L	L 5	L 5	-	L 5	N-D	18
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	61	N-D
	CHRYSENE	UG/L	L 5	L 5	-	L 5	61	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	66	18
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	66	18
	PYRENE	UG/L	L 4	L 4	-	L 4	N-D	13
PESTICIDES	GAMMA-BHC	NG/L	200	70	65	100	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	34	1
	ARSENIC	UG/L	L 50	L 50	-	L 50	21	2
	CADMIUM	UG/L	36	L 2	94	15	4100	1000
	CHROMIUM	UG/L	159	30	81	99	13000	3100
	COPPER	UG/L	440	14	97	229	56000	9200
	CYANIDE	UG/L	370	138	63	225	5500	571
	LEAD	UG/L	77	L 50	35	L 50	7100	1500

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/21
L-LESS THAN; G-GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED;

DAILY ANALYTICAL RESULTS

PLANT 37
ACTIVATED SLUDGE OPERATION

SAMPLE DATE ENDING 80/11/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	MERCURY	NG/L	400	200	50	300	L 4000	L 2000
	NICKEL	UG/L	175	59	66	134	6100	620
	SELENIUM	UG/L	L 5	L 5	-	L 5	32	18
	SILVER	UG/L	19	L 5	74	10	4200	320
	ZINC	UG/L	397	59	85	178	70000	5500
NON-CONV. METALS	ALUMINUM	UG/L	1550	64	96	724	NOT RUN	NOT RUN
	BARIUM	UG/L	164	56	66	104	NOT RUN	NOT RUN
	CALCIUM	MG/L	79	70	11	73	NOT RUN	NOT RUN
	IRON	UG/L	1650	86	95	791	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	24	22	8	22	NOT RUN	NOT RUN
	MANGANESE	UG/L	49	31	37	37	NOT RUN	NOT RUN
	SODIUM	MG/L	227	214	6	214	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 37
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/11/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	410	154	62	300	19300	16800
	TOTAL SUSP. SOLIDS	MG/L	256	7	97	70	42600	1100
	COD	MG/L	500	200	60	200	101300	1900
	OIL & GREASE	MG/L	31	2	94	17	5600	32
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	31	2	94	35	332	11
	TOTAL SOLIDS	MG/L	1566	1150	27	1180	60708	2112
	TOTAL DISS. SOLIDS	MG/L	1183	1067	10	1138	9680	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	446	186	58	262	2395	910
	VOLATILE DISS. SOLIDS	MG/L	228	156	32	211	5161	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	211	7	97	58	35161	1100
	AMMONIA NITROGEN	MG/L	L 1	21	-	26	128	52
	TOC	MG/L	130	31	76	120	8600	440
VOLATILES	BENZENE	UG/L	12	L 1	92	10	43	N-D
	CHLOROBENZENE	UG/L	L 1	L 1	-	L 1	16	N-D
	1,1,1-TRICHLOROETHANE	UG/L	88	2	98	74	222	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	1	36	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	46	N-D
	CHLOROFORM	UG/L	8	L 1	88	8	23	2
	1,1-DICHLOROETHYLENE	UG/L	3	L 1	67	L 1	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	L 1	10	N-D
	ETHYLBENZENE	UG/L	10	L 1	90	9	160	N-D
	METHYLENE CHLORIDE	UG/L	160	24	85	150	136	59
	DICHLOROBROMOMETHANE	UG/L	L 1	L 1	-	L 1	4	N-D
	DICHLORODIFLUOROMETHANE	UG/L	42	L 20	52	72	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	110	3	97	93	1190	6
	TOLUENE	UG/L	51	L 1	98	47	214	1
	TRICHLOROETHYLENE	UG/L	20	L 1	95	21	529	N-D
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	L 5	L 5	-	L 5	N-D	260
	PHENOL	UG/L	7	L 1	86	8	N-D	N-D
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	19	220
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	8	L 3	63	25	4400	130
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	L 3	770	N-D
	DI-N-BUTYL PHTHALATE	UG/L	74	L 4	95	53	3200	40
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	40	52
	CHRYSENE	UG/L	L 5	L 5	-	L 5	40	52
	ACENAPHTHYLENE	UG/L	L 10	L 10	-	L 10	N-D	24
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	75	780
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	75	780
	PYRENE	UG/L	L 4	L 4	-	L 4	25	150
PESTICIDES	GAMMA-BHC	NG/L	L 200	80	-	L 200	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	5	L 1
	ARSENIC	UG/L	L 50	L 50	-	L 50	95	5
	CADMIUM	UG/L	54	6	89	14	5600	160

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 37
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/11/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	CHROMIUM	UG/L	180	60	67	118	9200	1000
	COPPER	UG/L	333	120	64	208	43000	2700
	CYANIDE	UG/L	265	126	52	296	5400	278
	LEAD	UG/L	150	L 50	67	L 50	23000	780
	MERCURY	NG/L	500	300	40	400	L 37000	L 5000
	NICKEL	UG/L	142	89	37	108	1900	310
	SILVER	UG/L	20	L 5	75	8	24000	48
	ZINC	UG/L	374	101	73	164	18000	920
NON-CONV. METALS	ALUMINUM	UG/L	1730	270	84	560	NOT RUN	NOT RUN
	BARIUM	UG/L	154	72	53	105	NOT RUN	NOT RUN
	CALCIUM	MG/L	82	73	11	75	NOT RUN	NOT RUN
	IRON	UG/L	1040	269	74	502	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	22	22	-	21	NOT RUN	NOT RUN
	MANGANESE	UG/L	41	30	27	31	NOT RUN	NOT RUN
	SODIUM	MG/L	216	218	-	209	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 37
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/11/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	405	208	49	330	13000	27300
	TOTAL SUSP. SOLIDS	MG/L	187	24	87	105	47700	1000
	COD	MG/L	400	170	57	120	92000	5200
	OIL & GREASE	MG/L	34	7	79	18	5600	100
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	20	5	75	24	226	14
	TOTAL SOLIDS	MG/L	1314	1102	16	1176	57456	3628
	TOTAL DISS. SOLIDS	MG/L	1110	949	15	1060	6666	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	350	150	57	252	44638	2104
	VOLATILE DISS. SOLIDS	MG/L	198	119	40	178	3670	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	158	24	85	84	39300	1000
	AMMONIA NITROGEN	MG/L	32	20	38	23	125	50
	TOC	MG/L	60	32	47	70	7400	520
VOLATILES	BENZENE	UG/L	16	L 1	94	13	41	N-D
	1,1,1-TRICHLOROETHANE	UG/L	21	L 1	95	21	234	1
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	2	96	N-D
	CHLOROFORM	UG/L	4	L 1	75	4	17	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	6	N-D
	ETHYLBENZENE	UG/L	3	L 1	67	4	100	N-D
	METHYLENE CHLORIDE	UG/L	39	6	85	42	175	3
	TETRACHLOROETHYLENE	UG/L	5	3	40	1	1340	4
	TOLUENE	UG/L	29	L 1	97	35	323	1
	TRICHLOROETHYLENE	UG/L	93	1	99	91	764	N-D
ACID EXTRACT	PHENOL	UG/L	L 1	L 1	-	2	N-D	N-D
BASE-NEUTRALS	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	210	N-D
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	210	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	20	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 3	22	-	L 3	4300	180
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	L 3	1300	N-D
	DI-N-BUTYL PHTHALATE	UG/L	140	L 4	97	160	5400	180
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	42	N-D
	CHRYSENE	UG/L	L 5	L 5	-	L 5	42	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	69	N-D
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	69	N-D
	PYRENE	UG/L	L 4	L 4	-	L 4	24	N-D
PESTICIDES	GAMMA-BHC	NG/L	90	L 50	44	200	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	32	4
	ARSENIC	UG/L	L 50	L 50	-	L 50	62	6
	CADMIUM	UG/L	191	32	83	94	16000	1000
	CHROMIUM	UG/L	71	48	32	86	11000	3100
	COPPER	UG/L	156	65	58	101	38000	6700
	CYANIDE	UG/L	250	104	58	207	7100	609
	LEAD	UG/L	L 50	L 50	-	L 50	27000	2000
	MERCURY	NG/L	400	200	50	700	L 11000	L 2000

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 37
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/11/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	NICKEL	UG/L	41	59	-	31	1400	450
	SELENIUM	UG/L	L 5	L 5	-	L 5	11	1
	SILVER	UG/L	L 5	L 5	-	L 5	L 230	310
	ZINC	UG/L	185	61	67	104	34000	5300
NON-CONV. METALS	ALUMINUM	UG/L	1180	358	70	580	NOT RUN	NOT RUN
	BARIUM	UG/L	141	71	50	91	NOT RUN	NOT RUN
	CALCIUM	MG/L	75	72	4	67	NOT RUN	NOT RUN
	IRON	UG/L	792	296	63	444	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	22	22	-	20	NOT RUN	NOT RUN
	MANGANESE	UG/L	41	27	34	32	NOT RUN	NOT RUN
	SODIUM	MG/L	214	225	-	198	NOT RUN	NOT RUN

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POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/16
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DAILY ANALYTICAL RESULTS

PLANT 37
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/11/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	240	60	75	185	2800	4600
	TOTAL SUSP. SOLIDS	MG/L	219	29	87	65	49320	1892
	COD	MG/L	770	120	84	460	97300	9600
	OIL & GREASE	MG/L	45	7	84	22	6400	68
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	103	8	92	9	297	12
	TOTAL SOLIDS	MG/L	1398	1096	22	1188	54108	3358
	TOTAL DISS. SOLIDS	MG/L	1100	1040	5	858	12140	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	492	224	54	298	40682	1858
	VOLATILE DISS. SOLIDS	MG/L	316	348	-	282	3930	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	176	23	87	52	38600	1351
	AMMONIA NITROGEN	MG/L	28	22	21	26	125	64
	TOC	MG/L	90	29	68	100	4400	360
VOLATILES	BENZENE	UG/L	11	L 1	91	9	22	N-D
	1,1,1-TRICHLOROETHANE	UG/L	180	6	97	190	208	N-D
	1,1-DICHLOROETHANE	UG/L	13	L 1	92	12	22	N-D
	CHLOROFORM	UG/L	7	L 1	86	6	10	N-D
	1,1-DICHLOROETHYLENE	UG/L	2	L 1	50	2	N-D	N-D
	ETHYLBENZENE	UG/L	7	L 1	86	7	73	N-D
	METHYLENE CHLORIDE	UG/L	200	19	90	160	149	9
	TETRACHLOROETHYLENE	UG/L	29	2	93	29	930	2
	TOLUENE	UG/L	65	L 1	98	45	229	1
	TRICHLOROETHYLENE	UG/L	53	L 1	98	35	205	N-D
ACID EXTRACT	PHENOL	UG/L	10	L 1	90	8	N-D	140
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	5	L 5	-	10	N-D	N-D
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	37	N-D
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	190	N-D
	NAPHTHALENE	UG/L	L 3	L 3	-	8	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	42	L 3	93	44	5000	230
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	L 3	920	N-D
	DI-N-BUTYL PHTHALATE	UG/L	27	L 4	85	76	6900	110
	DIETHYL PHTHALATE	UG/L	5	L 5	-	L 5	N-D	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	72	N-D
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	72	N-D
PESTICIDES	GAMMA-BHC	NG/L	L 50	60	-	100	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	35	4
	ARSENIC	UG/L	L 50	L 50	-	L 50	62	9
	CADMIUM	UG/L	37	16	57	18	4100	80
	CHROMIUM	UG/L	142	52	63	86	14000	2500
	COPPER	UG/L	467	105	78	244	24000	4700
	CYANIDE	UG/L	276	96	65	228	5100	376
	LEAD	UG/L	108	L 50	54	L 50	10000	1200
	MERCURY	NG/L	1000	L 200	80	300	L 6000	L 2000
	NICKEL	UG/L	123	52	58	88	L 780	L 280

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 37
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/11/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	SELENIUM	UG/L	L 5	L 5	-	L 5	37	4
	SILVER	UG/L	19	L 5	74	9	4000	230
	ZINC	UG/L	426	92	78	188	14000	3600
NON-CONV. METALS	ALUMINUM	UG/L	1320	253	81	545	NOT RUN	NOT RUN
	BARIUM	UG/L	155	70	55	96	NOT RUN	NOT RUN
	CALCIUM	MG/L	73	69	5	70	NOT RUN	NOT RUN
	IRON	UG/L	1200	252	79	503	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	22	21	5	22	NOT RUN	NOT RUN
	MANGANESE	UG/L	42	27	36	31	NOT RUN	NOT RUN
	SODIUM	MG/L	207	210	-	209	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 37
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/11/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	260	41	84	150	23000	3600
	TOTAL SUSP. SOLIDS	MG/L	313	28	91	12	26800	1550
	COD	MG/L	440	120	73	300	78700	1200
	OIL & GREASE	MG/L	30	1	97	26	4100	64
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	91	4	96	64	419	16
	TOTAL SOLIDS	MG/L	1280	1106	14	1208	43636	2340
	TOTAL DISS. SOLIDS	MG/L	1070	1015	5	1060	26765	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	318	208	35	252	32026	1036
	VOLATILE DISS. SOLIDS	MG/L	158	143	9	180	10588	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	243	23	91	11	20300	1200
	AMMONIA NITROGEN	MG/L	25	20	20	22	134	38
	TOC	MG/L	70	35	50	90	6000	250
VOLATILES	BENZENE	UG/L	12	L 1	92	L 1	19	N-D
	1,1,1-TRICHLOROETHANE	UG/L	150	2	99	130	479	8
	1,1-DICHLOROETHANE	UG/L	11	L 1	91	10	44	N-D
	CHLOROFORM	UG/L	8	L 1	88	L 1	17	N-D
	1,1-DICHLOROETHYLENE	UG/L	2	L 1	50	1	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	6	188	N-D
	1,2-DICHLOROPROPANE	UG/L	L 1	L 1	-	9	N-D	N-D
	ETHYLBENZENE	UG/L	10	1	90	8	85	N-D
	METHYLENE CHLORIDE	UG/L	210	16	92	200	216	12
	TETRACHLOROETHYLENE	UG/L	24	L 1	96	34	939	2
	TOLUENE	UG/L	67	L 1	99	57	393	1
	TRICHLOROETHYLENE	UG/L	63	L 1	98	41	168	N-D
ACID EXTRACT	PHENOL	UG/L	7	L 1	86	6	N-D	N-D
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	76	N-D
	BIS(2-CHLOROETHYOXY) METHANE	UG/L	L 10	L 10	-	29	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	42	L 3	93	63	3080	330
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	L 3	1200	N-D
	DI-N-BUTYL PHTHALATE	UG/L	120	13	89	87	4900	130
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	71	N-D
	CHRYSENE	UG/L	L 5	L 5	-	L 5	71	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	130	N-D
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	130	N-D
	PYRENE	UG/L	L 4	L 4	-	L 4	64	N-D
PESTICIDES	HEPTACHLOR	NG/L	200	L 100	50	L 100	N-D	N-D
	GAMMA-BHC	NG/L	100	100	-	L 50	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	19	3
	ARSENIC	UG/L	L 50	L 50	-	L 50	26	6
	CADMIUM	UG/L	53	17	68	26	5400	530
	CHROMIUM	UG/L	123	63	49	76	9900	1800
	COPPER	UG/L	405	157	61	235	42000	3700
	CYANIDE	UG/L	230	104	55	220	4600	230

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 37
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/11/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	LEAD	UG/L	133	L 50	62	55	15000	980
	MERCURY	MG/L	500	400	20	L 200	L 3000	L 2000
	NICKEL	UG/L	91	81	11	71	1400	L 280
	SELENIUM	UG/L	L 5	L 5	-	L 5	24	L 1
	SILVER	UG/L	17	9	47	11	2200	170
	ZINC	UG/L	394	109	72	154	30000	3400
NON-CONV. METALS	ALUMINUM	UG/L	1500	351	77	543	NOT RUN	NOT RUN
	BARIUM	UG/L	144	73	56	96	NOT RUN	NOT RUN
	CALCIUM	MG/L	77	71	8	73	NOT RUN	NOT RUN
	IRON	UG/L	1630	314	81	629	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	22	22	-	22	NOT RUN	NOT RUN
	MANGANESE	UG/L	55	31	44	38	NOT RUN	NOT RUN
	SODIUM	MG/L	210	211	-	204	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 37
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/11/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	250	42	83	165	32000	3400
	TOTAL SUSP. SOLIDS	MG/L	71	15	79	32	23800	345
	COD	MG/L	570	120	79	280	85300	800
	OIL & GREASE	MG/L	45	12	73	17	6800	80
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	24	13	46	45	454	22
	TOTAL SOLIDS	MG/L	1074	1130	-	1160	43400	1972
	TOTAL DISS. SOLIDS	MG/L	1130	1021	10	1030	7586	1990
	TOTAL VOLATILE SOLIDS	MG/L	198	154	22	200	32020	790
	VOLATILE DISS. SOLIDS	MG/L	384	137	64	257	4480	460
	TOTAL VOL. SUS. SOLIDS	MG/L	68	15	78	NOT RUN	18600	344
	AMMONIA NITROGEN	MG/L	26	18	31	24	129	39
	TOC	MG/L	110	33	70	90	5000	220
VOLATILES	BENZENE	UG/L	9	L 1	89	9	26	N-D
	1,1,1-TRICHLOROETHANE	UG/L	150	2	99	200	449	2
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	3	52	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	1960	N-D
	CHLOROFORM	UG/L	6	L 1	83	6	11	N-D
	1,1-DICHLOROETHYLENE	UG/L	L 1	L 1	-	4	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	7	N-D
	ETHYLBENZENE	UG/L	11	L 1	91	7	106	N-D
	METHYLENE CHLORIDE	UG/L	130	13	90	130	2460	9
	TETRACHLOROETHYLENE	UG/L	59	4	93	35	N-D	N-D
	TOLUENE	UG/L	29	L 1	97	28	326	1
	TRICHLOROETHYLENE	UG/L	120	L 1	99	170	305	1
ACID EXTRACT	PHENOL	UG/L	7	L 1	86	10	N-D	N-D
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	N-D	65
	NAPHTHALENE	UG/L	5	L 3	40	L 3	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	41	L 3	93	24	3800	150
	BUTYL BENZYL PHTHALATE	UG/L	10	L 3	70	L 3	1061	N-D
	DI-N-BUTYL PHTHALATE	UG/L	43	L 4	91	44	4200	46
	DIETHYL PHTHALATE	UG/L	10	L 5	50	L 5	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	43	N-D
	CHRYSENE	UG/L	L 5	L 5	-	L 5	43	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	55	110
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	55	110
	PYRENE	UG/L	L 4	L 4	-	L 4	N-D	48
PESTICIDES	HEPTACHLOR EPOXIDE	NG/L	L 100	100	-	L 100	N-D	N-D
	GAMMA-BHC	NG/L	70	L 50	29	100	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	23	3
	ARSENIC	UG/L	L 50	L 50	-	L 50	24	7
	CADMIUM	UG/L	33	14	58	16	4200	320
	CHROMIUM	UG/L	117	54	54	77	7900	1700
	COPPER	UG/L	347	125	64	209	28000	2500

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/20
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 37
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/11/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	CYANIDE	UG/L	210	119	43	204	5400	256
	LEAD	UG/L	79	L 50	37	L 50	20000	500
	MERCURY	NG/L	500	400	20	500	L 4000	L 2000
	NICKEL	UG/L	78	63	19	64	L 670	L 100
	SELENIUM	UG/L	L 5	L 5	-	L 5	28	3
	SILVER	UG/L	20	11	45	15	2600	98
	ZINC	UG/L	338	96	72	153	19000	2500
NON-CONV. METALS	ALUMINUM	UG/L	1430	298	79	563	NOT RUN	NOT RUN
	BARIUM	UG/L	149	73	51	104	NOT RUN	NOT RUN
	CALCIUM	MG/L	74	70	5	73	NOT RUN	NOT RUN
	IRON	UG/L	1420	360	75	633	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	22	22	-	22	NOT RUN	NOT RUN
	MANGANESE	UG/L	46	33	28	40	NOT RUN	NOT RUN
	SODIUM	MG/L	215	216	-	221	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/20
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 37
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/11/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	250	36	86	195	31000	3400
	TOTAL SUSP. SOLIDS	MG/L	191	27	86	57	29300	2200
	COD	MG/L	520	150	71	400	95000	3600
	OIL & GREASE	MG/L	46	5	89	12	3900	140
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	16	11	31	12	238	29
	TOTAL SOLIDS	MG/L	1226	1064	13	1102	61562	3058
	TOTAL DISS. SOLIDS	MG/L	1110	1029	7	1095	21111	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	314	188	40	228	43450	1576
	VOLATILE DISS. SOLIDS	MG/L	163	129	21	121	11500	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	178	22	88	48	27400	NOT RUN
	AMMONIA NITROGEN	MG/L	29	22	24	27	135	36
	TOC	MG/L	130	29	78	100	11800	380
VOLATILES	BENZENE	UG/L	11	L 1	91	10	21	N-D
	1,2-DICHLOROETHANE	UG/L	1	L 1	-	L 1	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	160	1	99	85	303	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	1	46	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	L 1	3040	2
	CHLOROFORM	UG/L	11	L 1	91	12	13	N-D
	1,1-DICHLOROETHYLENE	UG/L	4	L 1	75	1	N-D	N-D
	ETHYLBENZENE	UG/L	14	L 1	93	11	158	N-D
	METHYLENE CHLORIDE	UG/L	160	19	88	130	277	13
	TETRACHLOROETHYLENE	UG/L	41	4	90	14	N-D	N-D
	TOLUENE	UG/L	80	L 1	99	74	324	1
	TRICHLOROETHYLENE	UG/L	140	L 1	99	140	988	1
ACID EXTRACT	PHENOL	UG/L	L 1	L 1	-	10	N-D	170
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 3	28	-	L 3	4800	510
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	L 3	1200	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	94	3800	109
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	61	N-D
	CHRYSENE	UG/L	L 5	L 5	-	L 5	61	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	66	N-D
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	66	N-D
PESTICIDES	GAMMA-BHC	NG/L	200	80	60	100	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	34	4
	ARSENIC	UG/L	L 50	L 50	-	L 50	21	3
	CADMIUM	UG/L	36	9	75	15	4100	510
	CHROMIUM	UG/L	159	66	58	99	13000	1900
	COPPER	UG/L	440	141	68	229	56000	4500
	CYANIDE	UG/L	370	129	65	225	9500	451
	LEAD	UG/L	77	L 50	35	L 50	7100	930
	MERCURY	NG/L	400	300	25	300	L 4000	L 2000
	NICKEL	UG/L	175	77	56	134	6100	L 280
	SELENIUM	UG/L	L 5	L 5	-	L 5	32	5

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/21
(L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED)

DAILY ANALYTICAL RESULTS

PLANT 37
TRICKLING FILTER OPERATION

SAMPLE DATE ENDING 80/11/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	SILVER	UG/L	19	6	68	10	4200	220
	ZINC	UG/L	397	108	73	178	70000	3300
NON-CONV. METALS	ALUMINUM	UG/L	1550	386	75	724	NOT RUN	NOT RUN
	BARIUM	UG/L	164	75	54	104	NOT RUN	NOT RUN
	CALCIUM	MG/L	79	72	9	73	NOT RUN	NOT RUN
	IRON	UG/L	1650	388	76	791	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	24	23	4	22	NOT RUN	NOT RUN
	MANGANESE	UG/L	49	33	33	37	NOT RUN	NOT RUN
	SODIUM	MG/L	227	219	4	214	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 38

SAMPLE DATE ENDING 80/11/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	255	16	94	214	3	11500	7000
	TOTAL SUSP. SOLIDS	MG/L	181	4	98	104	2	6930	2450
	COD	MG/L	780	60	92	570	32	12800	4800
	OIL & GREASE	MG/L	98	1	99	34	9	853	66
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	822	13	98	1316	13	258	15
	TOTAL SOLIDS	MG/L	1146	790	31	1004	750	7650	3692
	TOTAL DISS. SOLIDS	MG/L	966	749	22	850	725	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	442	170	62	354	164	5582	2376
	VOLATILE DISS. SOLIDS	MG/L	474	168	65	183	289	2933	1760
	TOTAL VOL. SUS. SOLIDS	MG/L	40	4	90	79	1	NOT RUN	2040
	AMMONIA NITROGEN	MG/L	22	13	41	19	12	51	26
	TOC	MG/L	130	15	88	130	14	2250	600
VOLATILES	BENZENE	UG/L	75	L 1	99	79	L 1	79	N-D
	CARBON TETRACHLORIDE	UG/L	L 1	L 1	-	L 1	L 1	10	N-D
	CHLORODBENZENE	UG/L	L 1	L 1	-	2	L 1	11	N-D
	1,2-DICHLOROETHANE	UG/L	L 1	L 1	-	1	L 1	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	82	2	98	58	L 1	77	N-D
	CHLOROFORM	UG/L	7	2	71	15	3	11	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	2	L 1	9	N-D
	ETHYLBENZENE	UG/L	23	L 1	96	16	L 1	89	N-D
	METHYLENE CHLORIDE	UG/L	78	20	74	120	12	138	35
	TETRACHLOROETHYLENE	UG/L	23	12	48	24	9	60	11
	TOLUENE	UG/L	190	L 1	99	220	1	199	8
	TRICHLOROETHYLENE	UG/L	240	L 1	100	110	L 1	379	17
ACID EXTRACT	PHENOL	UG/L	88	L 1	99	150	L 1	900	N-D
BASE-NEUTRALS	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	L 5	33	N-D
	NAPHTHALENE	UG/L	20	L 3	85	22	L 3	82	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	12	9	25	9	16	440	83
	BUTYL BENZYL PHTHALATE	UG/L	9	L 3	67	6	17	140	N-D
	DI-N-BUTYL PHTHALATE	UG/L	10	L 4	60	8	L 4	95	28
	DIETHYL PHTHALATE	UG/L	10	L 5	50	7	L 5	N-D	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	L 10	36	N-D
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	L 10	36	N-D
PESTICIDES	GAMMA-BHC	NG/L	L 200	L 50	-	200	L 50	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	L 50	1	3
	ARSENIC	UG/L	L 50	L 50	-	L 50	L 50	38	32
	CADMIUM	UG/L	22	L 2	91	14	L 2	260	190
	CHROMIUM	UG/L	181	22	86	110	19	2500	1900
	COPPER	UG/L	198	9	95	135	4	3600	3400
	CYANIDE	UG/L	242	65	73	308	224	1220	610
	LEAD	UG/L	95	L 50	47	L 50	L 50	1700	1800
	MERCURY	NG/L	600	L 200	67	600	L 200	L 5000	7000
	NICKEL	UG/L	93	43	54	64	50	790	530
	SELENIUM	UG/L	L 50	L 50	-	L 50	L 50	7	10

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
[illegible]

DAILY ANALYTICAL RESULTS

PLANT 38

SAMPLE DATE ENDING 80/11/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	SILVER	UG/L	14 L	5	64	L 5	L 5	42 L	42
	ZINC	UG/L	703	77	89	438	63	6600	3100
NON-CONV. METALS	ALUMINUM	UG/L	1110	24	98	642	56	NOT RUN	NOT RUN
	BARIUM	UG/L	149	38	74	98	37	NOT RUN	NOT RUN
	CALCIUM	MG/L	62	52	16	59	52	NOT RUN	NOT RUN
	IRON	UG/L	1870	85	95	1060	72	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	16	15	6	16	15	NOT RUN	NOT RUN
	MANGANESE	UG/L	54	30	44	43	31	NOT RUN	NOT RUN
	SODIUM	MG/L	168	156	7	166	151	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
B OR NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 38

SAMPLE DATE ENDING 00/11/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	265	15	94	205	3	5400	5000
	TOTAL SUSP. SOLIDS	MG/L	187	4	98	136	2	1900	2400
	COD	MG/L	630	44	93	440	44	12000	4800
	OIL & GREASE	MG/L	93	5	95	34	2	992	80
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	191	6	97	238	36	762	19
	TOTAL SOLIDS	MG/L	1124	908	28	892	810	6486	3364
	TOTAL DISS. SOLIDS	MG/L	1070	772	28	952	821	NOT RUN	2700
	TOTAL VOLATILE SOLIDS	MG/L	380	248	35	204	116	4638	2120
	VOLATILE DISS. SOLIDS	MG/L	210	140	33	277	174	NOT RUN	1800
	TOTAL VOL. SUS. SOLIDS	MG/L	153	1	99	84	2	1600	2100
	AMMONIA NITROGEN	MG/L	21	8	62	19	10	46	32
	TOC	MG/L	120	15	88	120	16	1500	620
VOLATILES	BENZENE	UG/L	580	L 1	100	71	L 1	356	2
	1,2-DICHLOROETHANE	UG/L	L 1	3	-	L 1	L 1	M-D	M-D
	1,1,1-TRICHLOROETHANE	UG/L	51	L 1	98	62	L 1	27	M-D
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	1	L 1	M-D	M-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	3	L 1	67	L 1	L 1	M-D	M-D
	CHLOROFORM	UG/L	50	L 1	98	20	4	12	4
	1,1-DICHLOROETHYLENE	UG/L	2	L 1	50	1	L 1	M-D	M-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	4	4	-	2	L 1	5	M-D
	ETHYLBENZENE	UG/L	113	L 1	99	30	L 1	272	M-D
	METHYLENE CHLORIDE	UG/L	113	27	76	72	122	187	41
	METHYL CHLORIDE	UG/L	57	L 25	56	L 25	L 25	M-D	M-D
	TETRACHLOROETHYLENE	UG/L	46	19	67	4	9	188	10
	TOLUENE	UG/L	1300	L 1	100	280	L 1	1750	35
	TRICHLOROETHYLENE	UG/L	380	L 1	100	79	L 1	62	M-D
ACID EXTRACT	PHENOL	UG/L	120	L 1	99	86	L 1	M-D	260
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	L 5	51	M-D
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	L 4	57	M-D
	NAPHTHALENE	UG/L	33	L 3	91	L 3	L 3	590	M-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	29	L 3	90	26	L 3	930	170
	BUTYL BENZYL PHTHALATE	UG/L	8	L 3	63	6	L 3	97	M-D
	DI-N-BUTYL PHTHALATE	UG/L	10	L 4	60	8	L 4	250	24
	DIETHYL PHTHALATE	UG/L	7	L 5	29	6	L 5	M-D	20
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	L 10	170	20
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	L 10	170	20
	PYRENE	UG/L	L 4	L 4	-	L 4	L 4	51	M-D
PESTICIDES	4,4'-DDD	NG/L	L 200	200	-	L 1200	L 200	M-D	M-D
	GAMMA-BHC	NG/L	100	70	30	300	L 50	M-D	M-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	L 50	9	9
	ARSENIC	UG/L	L 50	L 50	-	L 50	L 50	10	7
	CADMIUM	UG/L	11	L 2	82	10	L 2	120	210
	CHROMIUM	UG/L	145	15	90	96	10	3000	2900
	COPPER	UG/L	103	4	97	132	4	3900	2900

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 00/11/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
M-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 38

SAMPLE DATE ENDING 80/11/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	CYANIDE	UG/L	270	48	82	260	82	1800	476
	LEAD	UG/L	142	L 50	65	107	L 50	2100	1500
	MERCURY	MG/L	1400	L 200	86	1300	L 200	L 2000	L 2000
	NICKEL	UG/L	77	49	36	58	58	360	310
	SELENIUM	UG/L	L 50	L 50	-	L 50	L 50	6	17
	SILVER	UG/L	8	L 5	38	14	L 5	180	120
	ZINC	UG/L	677	82	88	387	68	16000	6300
NON-CONV. METALS	ALUMINUM	UG/L	889	37	96	473	38	NOT RUN	NOT RUN
	BARIUM	UG/L	141	41	71	88	38	NOT RUN	NOT RUN
	CALCIUM	MG/L	59	53	10	56	52	NOT RUN	NOT RUN
	IRON	UG/L	4370	80	98	2270	57	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	15	13	13	15	14	NOT RUN	NOT RUN
	MANGANESE	UG/L	71	35	51	56	35	NOT RUN	NOT RUN
	SODIUM	MG/L	159	156	2	160	164	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 38

SAMPLE DATE ENDING 80/11/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	330	16	95	228	4	5200	5400
	TOTAL SUSP. SOLIDS	MG/L	177	L 1	99	83	L 1	3100	1480
	COD	MG/L	1080	40	96	840	36	11600	3200
	OIL & GREASE	MG/L	64	3	95	39	5	1280	40
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	110	48	56	227	36	921	167
	TOTAL SOLIDS	MG/L	1142	774	32	976	834	6228	3134
	TOTAL DISS. SOLIDS	MG/L	1000	774	23	809	806	4264	2500
	TOTAL VOLATILE SOLIDS	MG/L	282	90	68	250	120	4592	1960
	VOLATILE DISS. SOLIDS	MG/L	309	164	47	194	118	3720	875
	TOTAL VOL. SUS. SOLIDS	MG/L	147	L 1	99	74	L 1	3020	1480
	AMMONIA NITROGEN	MG/L	23	10	57	19	8	37	29
	TOC	MG/L	150	10	93	120	9	1100	540
VOLATILES	BENZENE	UG/L	300	5	98	400	1	279	1
	CHLOROBENZENE	UG/L	L 1	L 1	-	L 1	L 1	N-D	7
	1,1,1-TRICHLOROETHANE	UG/L	330	13	96	140	2	558	N-D
	1,1-DICHLOROETHANE	UG/L	3	L 1	67	4	L 1	N-D	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	24	2	92	7	L 1	N-D	N-D
	CHLOROFORM	UG/L	19	3	84	36	6	22	N-D
	1,1-DICHLOROETHYLENE	UG/L	12	L 1	92	2	L 1	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	6	L 1	83	3	L 1	25	N-D
	ETHYLBENZENE	UG/L	300	49	84	280	2	491	4
	METHYLENE CHLORIDE	UG/L	43	16	63	150	21	131	16
	TETRACHLOROETHYLENE	UG/L	52	39	25	3	17	270	7
	TOLUENE	UG/L	1500	47	97	1300	5	2210	1
	TRICHLOROETHYLENE	UG/L	290	3	99	140	L 1	779	65
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	L 2	L 2	-	L 2	4	N-D	N-D
	PENTACHLOROPHENOL	UG/L	L 5	L 5	-	L 5	L 5	250	N-D
	PHENOL	UG/L	46	L 1	98	46	L 1	N-D	120
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	L 5	41	N-D
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	L 5	66	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	L 4	17	N-D
	NAPHTHALENE	UG/L	75	L 3	96	60	5	590	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	44	6	86	49	4	840	180
	BUTYL BENZYL PHTHALATE	UG/L	18	L 3	83	12	L 3	330	N-D
	DI-N-BUTYL PHTHALATE	UG/L	12	L 4	67	9	L 4	160	22
	DIETHYL PHTHALATE	UG/L	6	L 5	17	7	L 5	N-D	12
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	L 10	N-D	13
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	L 10	N-D	13
	PYRENE	UG/L	L 4	L 4	-	L 4	L 4	25	N-D
PESTICIDES	4,4'-DDD	NG/L	L 1200	L 300	-	300	L 300	N-D	N-D
	HEPTACHLOR EPOXIDE	NG/L	L 400	100	-	L 100	200	N-D	N-D
	GAMMA-BHC	NG/L	L 200	L 50	-	70	70	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	L 50	11	5
	ARSENIC	UG/L	L 50	L 50	-	L 50	L 50	12	7

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/20
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 38

SAMPLE DATE ENDING 80/11/20 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	CADMIUM	UG/L	22	L 2	91	12	L 2	260	220
	CHROMIUM	UG/L	195	10	95	120	L 5	4000	2700
	COPPER	UG/L	227	3	99	140	L 2	3500	2700
	CYANIDE	UG/L	230	45	80	280	143	1380	432
	LEAD	UG/L	132	L 50	62	64	L 50	1900	720
	MERCURY	NG/L	1300	L 200	85	800	L 200	6000	4000
	NICKEL	UG/L	69	34	51	50	56	L 280	360
	SELENIUM	UG/L	L 50	L 50	-	L 50	L 50	7	13
	SILVER	UG/L	7	L 5	29	9	L 5	180	L 87
	ZINC	UG/L	832	73	91	439	55	15000	6700
NON-CONV. METALS	ALUMINUM	UG/L	1060	23	98	472	46	NOT RUN	NOT RUN
	BARIUM	UG/L	162	41	75	89	38	NOT RUN	NOT RUN
	CALCIUM	MG/L	62	52	16	55	53	NOT RUN	NOT RUN
	IRON	UG/L	2410	55	98	1030	L 50	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	16	13	19	15	14	NOT RUN	NOT RUN
	MANGANESE	UG/L	56	31	45	39	33	NOT RUN	NOT RUN
	SODIUM	MG/L	179	156	13	165	168	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/20
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
# D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 38

SAMPLE DATE ENDING 80/11/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	300	26	91	230	7	5000	6400
	TOTAL SUSP. SOLIDS	MG/L	110	5	95	97	2	4920	3860
	COD	MG/L	620	40	94	520	20	12400	2800
	OIL & GREASE	MG/L	62	15	76	34	19	1312	60
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	243	36	85	524	16	685	36
	TOTAL SOLIDS	MG/L	948	794	16	890	810	6172	3298
	TOTAL DISS. SOLIDS	MG/L	879	808	8	819	819	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	286	150	48	210	142	4482	2134
	VOLATILE DISS. SOLIDS	MG/L	177	153	14	164	139	4262	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	103	5	95	94	2	4750	NOT RUN
	AMMONIA NITROGEN	MG/L	30	6	80	19	7	44	18
	TOC	MG/L	150	11	93	160	9	1300	640
VOLATILES	BENZENE	UG/L	61	L 1	98	69	L 1	122	N-D
	CARBON TETRACHLORIDE	UG/L	L 1	2	-	L 1	L 1	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	200	12	94	190	7	308	N-D
	1,1-DICHLOROETHANE	UG/L	4	L 1	75	6	L 1	N-D	N-D
	CHLOROFORM	UG/L	12	2	83	8	4	12	1
	1,1-DICHLOROETHYLENE	UG/L	2	L 1	50	3	L 1	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	4	L 1	75	3	L 1	17	N-D
	ETHYLBENZENE	UG/L	43	L 1	98	45	L 1	56	N-D
	METHYLENE CHLORIDE	UG/L	86	12	86	43	11	147	30
	TETRACHLOROETHYLENE	UG/L	16	11	31	7	12	113	5
	TOLUENE	UG/L	330	4	99	320	3	613	N-D
	TRICHLOROETHYLENE	UG/L	200	2	99	130	1	339	N-D
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	7	L 2	71	6	L 2	N-D	N-D
	PENTACHLOROPHENOL	UG/L	L 5	L 5	-	5	L 5	N-D	N-D
	PHENOL	UG/L	320	L 1	100	150	L 1	N-D	N-D
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	L 5	43	N-D
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	6	L 5	N-D	N-D
	2,4-DINITROTOLUENE	UG/L	L 10	L 10	-	7	L 10	N-D	N-D
	1,2-DIPHENYLHYDRAZINE	UG/L	L 10	L 10	-	8	L 10	N-D	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	L 4	14	36
	NAPHTHALENE	UG/L	21	L 3	86	13	L 3	170	N-D
	NITROBENZENE	UG/L	L 10	L 10	-	420	L 10	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	4	11	-	25	L 3	706	105
	BUTYL BENZYL PHTHALATE	UG/L	4	L 3	25	8	L 3	470	N-D
	DI-N-BUTYL PHTHALATE	UG/L	5	L 4	20	6	L 4	120	N-D
	DIETHYL PHTHALATE	UG/L	L 5	L 5	-	18	L 5	30	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	L 10	89	N-D
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	L 10	89	56
	PYRENE	UG/L	L 4	L 4	-	L 4	L 4	28	28
PESTICIDES	ALPHA-BHC	NG/L	L 50	60	-	90	L 50	N-D	N-D
	GAMMA-BHC	NG/L	L 50	50	-	L 50	50	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	L 50	7	3

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 38

SAMPLE DATE ENDING 80/11/21 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	ARSENIC	UG/L	L 50	L 50	-	L 50	L 50	9	6
	CADMIUM	UG/L	4	L 2	50	9	L 2	92	210
	CHROMIUM	UG/L	143	22	85	91	11	2100	2800
	COPPER	UG/L	131	7	95	161	6	2900	2800
	CYANIDE	UG/L	271	44	84	310	69	1450	505
	LEAD	UG/L	92	L 50	46	92	L 50	3000	890
	MERCURY	NG/L	800	L 200	75	400	L 200	L 2000	L 2000
	NICKEL	UG/L	52	58	-	69	46	L 280	L 280
	SELENIUM	UG/L	L 50	L 50	-	L 50	L 50	5	9
	SILVER	UG/L	11	L 5	55	13	L 5	98	98
	ZINC	UG/L	460	200	57	547	111	13000	6400
NON-CONV. METALS	ALUMINUM	UG/L	719	27	96	508	28	NOT RUN	NOT RUN
	BARIUM	UG/L	130	41	68	88	39	NOT RUN	NOT RUN
	CALCIUM	MG/L	58	53	9	54	52	NOT RUN	NOT RUN
	IRON	UG/L	1410	106	92	1260	59	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	15	13	13	14	14	NOT RUN	NOT RUN
	MANGANESE	UG/L	54	30	44	40	29	NOT RUN	NOT RUN
	SODIUM	MG/L	159	161	-	153	168	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/21
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 38

SAMPLE DATE ENDING 80/11/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	310	22	93	315	6	4000	5200
	TOTAL SUSP. SOLIDS	MG/L	147	7	95	59	11	2200	2320
	COD	MG/L	720	40	94	440	56	4000	4000
	OIL & GREASE	MG/L	37	7	81	35	19	315	167
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	942	13	99	700	27	512	24
	TOTAL SOLIDS	MG/L	1088	800	26	888	804	2776	3180
	TOTAL DISS. SOLIDS	MG/L	981	788	20	855	828	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	86	58	33	156	80	1686	2006
	VOLATILE DISS. SOLIDS	MG/L	206	101	51	180	52	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	106	2	98	38	4	1500	1875
	AMMONIA NITROGEN	MG/L	21	6	71	19	8	30	22
	TOC	MG/L	90	9	90	100	9	650	5000
VOLATILES	BENZENE	UG/L	65	1	98	64	1	85	N-D
	1,2-DICHLOROETHANE	UG/L	L 1	4	-	L 1	3	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	81	L 1	99	76	L 1	76	N-D
	1,1-DICHLOROETHANE	UG/L	2	L 1	50	2	L 1	N-D	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	2	L 1	50	L 1	L 1	N-D	N-D
	CHLOROFORM	UG/L	9	2	78	11	4	7	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	13	L 1	92	4	L 1	11	N-D
	ETHYLBENZENE	UG/L	65	1	98	77	2	41	N-D
	METHYLENE CHLORIDE	UG/L	51	14	73	69	14	72	27
	TETRACHLOROETHYLENE	UG/L	4	20	-	2	17	54	4
	TOLUENE	UG/L	490	133	73	330	4	378	N-D
	TRICHLOROETHYLENE	UG/L	360	1	100	166	L 1	387	37
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	10	L 2	80	5	L 2	N-D	N-D
	PENTACHLOROPHENOL	UG/L	L 5	5	-	10	5	N-D	N-D
	PHENOL	UG/L	300	L 1	100	110	L 1	N-D	N-D
BASE-NEUTRALS	NAPHTHALENE	UG/L	14	L 3	79	L 3	L 3	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	14	14	-	L 3	6	100	200
	BUTYL BENZYL PHTHALATE	UG/L	4	34	-	L 3	4	42	N-D
	DI-N-BUTYL PHTHALATE	UG/L	6	L 4	33	L 4	L 4	19	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	L 10	21	N-D
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	L 10	21	N-D
PESTICIDES	HEPTACHLOR EPOXIDE	NG/L	L 100	100	-	L 400	L 100	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	L 50	4	4
	ARSENIC	UG/L	L 50	L 50	-	L 50	L 50	5	9
	CADMIUM	UG/L	18	L 2	89	49	L 2	1100	180
	CHROMIUM	UG/L	228	25	89	153	18	2100	1700
	COPPER	UG/L	119	4	97	136	7	1200	2700
	CYANIDE	UG/L	258	60	77	320	67	520	479
	LEAD	UG/L	87	L 50	43	64	L 50	850	890
	MERCURY	NG/L	1100	L 200	82	1000	300	4000	L 2000
	NICKEL	UG/L	63	42	33	51	45	L 280	L 280
	SELENIUM	UG/L	L 50	L 50	-	L 50	L 50	4	8

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/22
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 38

SAMPLE DATE ENDING 80/11/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	SILVER	UG/L	11	L 5	55	9	L 5	L 87	110
	ZINC	UG/L	556	136	76	430	171	6700	5300
NON-CONV. METALS	ALUMINUM	UG/L	703	34	95	434	43	NOT RUN	NOT RUN
	BARIUM	UG/L	121	42	65	93	40	NOT RUN	NOT RUN
	CALCIUM	MG/L	59	50	15	54	53	NOT RUN	NOT RUN
	IRON	UG/L	1540	79	95	825	75	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	18	13	28	16	14	NOT RUN	NOT RUN
	MANGANESE	UG/L	57	27	53	40	29	NOT RUN	NOT RUN
	SODIUM	MG/L	190	156	18	162	164	NOT RUN	NOT RUN

590

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/22
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 38

SAMPLE DATE ENDING 80/11/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	290	17	94	229	16	6800	5800
	TOTAL SUSP. SOLIDS	MG/L	134	8	94	41	3	4167	2380
	COD	MG/L	615	52	92	300	44	11600	4000
	OIL & GREASE	MG/L	44	3	93	33	3	804	87
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1862	16	99	733	18	1933	25
	TOTAL SOLIDS	MG/L	912	782	14	830	840	6740	3618
	TOTAL DISS. SOLIDS	MG/L	755	800	-	850	822	2960	3625
	TOTAL VOLATILE SOLIDS	MG/L	184	86	53	100	102	4950	2316
	VOLATILE DISS. SOLIDS	MG/L	124	231	-	181	137	2590	2125
	TOTAL VOL. SUS. SOLIDS	MG/L	84	5	94	39	3	3150	1625
	AMMONIA NITROGEN	MG/L	20	7	65	6	8	33	18
	TOC	MG/L	100	9	91	80	9	1100	780
VOLATILES	BENZENE	UG/L	63	1	98	58	1	99	N-D
	1,1,1-TRICHLOROETHANE	UG/L	33	2	94	33	2	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	1	L 1	-	1	L 1	N-D	N-D
	CHLOROFORM	UG/L	6	1	83	6	3	7	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 1	67	37	L 1	4	N-D
	ETHYLBENZENE	UG/L	38	3	92	39	4	217	N-D
	METHYLENE CHLORIDE	UG/L	77	11	86	73	10	114	33
	TETRACHLOROETHYLENE	UG/L	8	10	-	6	11	22	4
	TOLUENE	UG/L	220	2	99	190	4	378	N-D
	TRICHLOROETHYLENE	UG/L	76	1	99	145	2	130	N-D
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	7	L 2	71	8	L 2	N-D	N-D
	PHENOL	UG/L	240	L 1	100	250	L 1	907	N-D
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	L 5	L 5	57	N-D
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	5	L 5	81	N-D
	1,4-DICHLOROBENZENE	UG/L	L 5	L 5	-	5	L 5	N-D	N-D
	NAPHTHALENE	UG/L	12	L 3	75	11	L 3	100	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	8	L 3	63	31	L 3	720	160
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	4	L 3	200	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	5	L 4	N-D	N-D
	DIETHYL PHTHALATE	UG/L	6	L 5	17	8	L 5	N-D	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	L 10	61	36
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	L 10	61	36
PESTICIDES	GAMMA-BHC	NG/L	80	100	-	70	L 50	N-D	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	L 50	3	3
	ARSENIC	UG/L	L 50	L 50	-	L 50	L 50	8	7
	CADMIUM	UG/L	12	L 2	83	13	L 2	240	250
	CHROMIUM	UG/L	160	20	88	109	26	2600	2200
	COPPER	UG/L	134	L 2	99	97	8	2500	2300
	CYANIDE	UG/L	260	65	75	288	68	1150	476
	LEAD	UG/L	81	L 50	38	L 50	L 50	1300	720
	MERCURY	NG/L	400	L 200	50	800	L 200	L 2000	L 2000
	NICKEL	UG/L	62	44	29	49	49	L 280	L 280

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/23
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 38

SAMPLE DATE ENDING 80/11/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	TERTIARY EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	SELENIUM	UG/L	L 50	L 50	-	L 50	L 50	5	17
	SILVER	UG/L	7	L 5	29	L 5	6	150	120
	ZINC	UG/L	317	86	73	214	98	7500	5400
NON-CONV. METALS	ALUMINUM	UG/L	1020	L 20	98	597	47	NOT RUN	NOT RUN
	BARIUM	UG/L	112	44	61	77	40	NOT RUN	NOT RUN
	CALCIUM	MG/L	53	51	4	51	51	NOT RUN	NOT RUN
	IRON	UG/L	1730	55	97	886	L 50	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	15	14	7	15	14	NOT RUN	NOT RUN
	MANGANESE	UG/L	45	26	42	35	28	NOT RUN	NOT RUN
	SODIUM	MG/L	150	164	-	148	167	NOT RUN	NOT RUN

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POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/11/23
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 39

SAMPLE DATE ENDING 80/12/02 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	205	32	84	116	1800	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	81	21	74	35	6200	NOT RUN
	COD	MG/L	410	100	76	1400	12000	NOT RUN
	OIL & GREASE	MG/L	57	6	89	8	36	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	28	10	64	14	52	NOT RUN
	TOTAL SOLIDS	MG/L	402	384	4	370	9092	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	312	352	-	324	4400	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	210	170	19	124	7224	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	117	75	36	90	4000	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	63	14	78	29	4800	NOT RUN
	AMMONIA NITROGEN	MG/L	16	15	6	12	108	NOT RUN
	TOC	MG/L	70	19	73	32	1650	NOT RUN
VOLATILES	BENZENE	UG/L	2	L 1	50	2	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	8	L 1	88	2	N-D	NOT RUN
	CHLOROFORM	UG/L	8	4	50	4	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	97	NOT RUN
	METHYLENE CHLORIDE	UG/L	9	8	11	3	39	NOT RUN
	TETRACHLOROETHYLENE	UG/L	10	3	70	5	N-D	NOT RUN
	TOLUENE	UG/L	12	2	83	8	105	NOT RUN
	TRICHLOROETHYLENE	UG/L	21	L 1	95	4	12	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	10	9	10	52	590	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	7	85	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	9	52	NOT RUN
	DIETHYL PHTHALATE	UG/L	L 5	L 5	-	8	N-D	NOT RUN
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	17	NOT RUN
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	17	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	2	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	9	NOT RUN
	CADMIUM	UG/L	L 2	3	-	L 2	30	NOT RUN
	CHROMIUM	UG/L	18	15	17	6	510	NOT RUN
	COPPER	UG/L	396	138	65	175	7500	NOT RUN
	CYANIDE	UG/L	119	50	58	78	2420	NOT RUN
	LEAD	UG/L	88	L 50	43	L 50	1300	NOT RUN
	MERCURY	MG/L	600	300	50	300	69000	NOT RUN
	NICKEL	UG/L	12	L 10	17	14	2400	NOT RUN
	SILVER	UG/L	7	L 5	29	L 5	210	NOT RUN
	ZINC	UG/L	160	86	46	123	2900	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	548	252	54	287	NOT RUN	NOT RUN
	BARIUM	UG/L	78	45	42	64	NOT RUN	NOT RUN
	CALCIUM	MG/L	31	36	-	40	NOT RUN	NOT RUN
	IRON	UG/L	715	316	56	453	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	11	11	-	12	NOT RUN	NOT RUN
	MANGANESE	UG/L	65	55	15	62	NOT RUN	NOT RUN
	SODIUM	MG/L	38	42	-	32	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/02
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 39

SAMPLE DATE ENDING 80/12/03 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	285	31	89	86	15000	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	102	20	80	23	6290	NOT RUN
	COD	MG/L	400	104	74	120	13000	NOT RUN
	OIL & GREASE	MG/L	30	6	80	14	38	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	8	25	-	13	1108	NOT RUN
	TOTAL SOLIDS	MG/L	440	376	15	392	10392	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	3000	338	89	357	2570	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	226	168	26	10	8475	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	129	74	43	71	2140	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	75	17	77	21	5290	NOT RUN
	AMMONIA NITROGEN	MG/L	14	14	-	8	104	NOT RUN
	TOC	MG/L	75	19	75	55	1750	NOT RUN
VOLATILES	BENZENE	UG/L	3	L 1	67	1	N-D	NOT RUN
	CHLOROBENZENE	UG/L	21	L 1	95	L 1	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	5	L 1	80	2	N-D	NOT RUN
	CHLOROFORM	UG/L	8	5	38	4	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	508	NOT RUN
	1,3-DICHLOROPROPYLENE	UG/L	100	L 1	99	L 1	N-D	NOT RUN
	ETHYLBENZENE	UG/L	1	L 1	-	L 1	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	32	9	72	5	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	20	29	-	28	11	NOT RUN
	TOLUENE	UG/L	17	8	53	11	144	NOT RUN
	TRICHLOROETHYLENE	UG/L	L 1	L 1	-	2	116	NOT RUN
ACID EXTRACT	PHENOL	UG/L	6	L 1	83	L 1	N-D	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 3	28	-	13	1540	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	31	L 3	90	L 3	98	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	9	3	67	8	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	3	40	3	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	13	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	6	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	L 2	46	NOT RUN
	CHROMIUM	UG/L	16	12	25	12	850	NOT RUN
	COPPER	UG/L	163	143	12	120	7800	NOT RUN
	CYANIDE	UG/L	140	50	64	61	1200	NOT RUN
	LEAD	UG/L	L 50	L 50	-	L 50	1600	NOT RUN
	MERCURY	NG/L	400	200	50	300	1900	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	16	NOT RUN
	SILVER	UG/L	9	8	11	7	310	NOT RUN
	ZINC	UG/L	126	71	44	82	5400	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	518	252	51	241	NOT RUN	NOT RUN
	BARIUM	UG/L	81	61	25	62	NOT RUN	NOT RUN
	CALCIUM	MG/L	31	31	-	38	NOT RUN	NOT RUN
	IRON	UG/L	681	291	57	357	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	11	10	9	14	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/03
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 39

SAMPLE DATE ENDING 80/12/03 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	MANGANESE	UG/L	61	48	21	68	NOT RUN	NOT RUN
	SODIUM	MG/L	39	39	-	38	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/03
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DAILY ANALYTICAL RESULTS

PLANT 39

SAMPLE DATE ENDING 80/12/03 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		I/P BED EFFLUENT	PERCENT REMOVAL	TAP WATER
CONVENTIONALS	BOD	MG/L	285		13	95	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	102		3	97	NOT RUN
	COD	MG/L	400		24	94	NOT RUN
	OIL & GREASE	MG/L	30		3	90	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	8	L	1	88	NOT RUN
	TOTAL SOLIDS	MG/L	440		590	-	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	3000		615	79	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	226		66	71	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	129		147	-	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	75		2	97	NOT RUN
	AMMONIA NITROGEN	MG/L	14		1	93	NOT RUN
	TOC	MG/L	75		9	88	NOT RUN
VOLATILES	BENZENE	UG/L	3	L	1	67	NOT RUN
	CHLOROBENZENE	UG/L	21	L	1	95	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	5	L	1	80	NOT RUN
	CHLOROFORM	UG/L	8	L	1	88	NOT RUN
	1,3-DICHLOROPROPYLENE	UG/L	100	L	1	99	NOT RUN
	ETHYLBENZENE	UG/L	1		2	-	NOT RUN
	METHYLENE CHLORIDE	UG/L	32	L	3	91	NOT RUN
	TETRACHLOROETHYLENE	UG/L	20		2	90	NOT RUN
	TOLUENE	UG/L	17	L	1	94	NOT RUN
ACID EXTRACT	PHENOL	UG/L	6	L	1	83	NOT RUN
BASE-NEUTRALS	BUTYL BENZYL PHTHALATE	UG/L	31	L	3	90	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	9	L	4	56	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	L	5	-	NOT RUN
METALS	CHROMIUM	UG/L	16	L	5	69	NOT RUN
	COPPER	UG/L	163		12	93	NOT RUN
	CYANIDE	UG/L	140		29	79	NOT RUN
	MERCURY	MG/L	400	L	200	50	NOT RUN
	SILVER	UG/L	9	L	5	44	NOT RUN
	ZINC	UG/L	126	L	20	84	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	518		49	91	NOT RUN
	BARIUM	UG/L	81		99	-	NOT RUN
	CALCIUM	MG/L	31		71	-	NOT RUN
	IRON	UG/L	681	L	50	93	NOT RUN
	MAGNESIUM	MG/L	11		26	-	NOT RUN
	MANGANESE	UG/L	61		10	84	NOT RUN
	SODIUM	MG/L	39		48	-	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/03
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 39

SAMPLE DATE ENDING 80/12/04 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	245	34	86	83	15000	3000
	TOTAL SUSP. SOLIDS	MG/L	124	24	81	26	4480	400
	COD	MG/L	455	108	76	130	11000	1200
	OIL & GREASE	MG/L	38	6	84	10	24	14
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	49	23	53	22	74	29
	TOTAL SOLIDS	MG/L	478	382	20	384	7680	420
	TOTAL DISS. SOLIDS	MG/L	348	370	-	350	2708	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	300	164	45	94	6160	292
	VOLATILE DISS. SOLIDS	MG/L	128	87	32	62	2083	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	100	18	82	22	3750	NOT RUN
	AMMONIA NITROGEN	MG/L	14	14	-	10	125	21
	TOC	MG/L	65	31	52	26	1050	70
VOLATILES	BENZENE	UG/L	4	L 1	75	1	N-D	N-D
	CHLOROBENZENE	UG/L	1	L 1	-	L 1	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	6	L 1	83	2	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	L 1	L 1	-	L 1	29	N-D
	CHLOROFORM	UG/L	9	5	44	5	N-D	4
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 1	L 1	-	L 1	288	N-D
	ETHYLBENZENE	UG/L	2	L 1	50	L 1	5	N-D
	METHYLENE CHLORIDE	UG/L	31	13	58	4	25	11
	TETRACHLOROETHYLENE	UG/L	22	9	59	14	N-D	7
	TOLUENE	UG/L	108	4	98	12	248	53
	TRICHLOROETHYLENE	UG/L	36	L 1	97	1	20	12
ACID EXTRACT	PHENOL	UG/L	4	L 1	75	L 1	N-D	N-D
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 25	L 25	-	L 25	N-D	60
	FLUORANTHENE	UG/L	L 4	L 4	-	L 4	N-D	450
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	27	13	52	6	1010	41
	BUTYL BENZYL PHTHALATE	UG/L	5	L 3	40	L 3	N-D	308
	DI-N-BUTYL PHTHALATE	UG/L	11	L 4	64	4	N-D	14
	DIETHYL PHTHALATE	UG/L	9	3	67	L 5	N-D	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	L 5	N-D	101
	CHRYSENE	UG/L	L 5	L 5	-	L 5	N-D	101
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	N-D	1500
	FLUORENE	UG/L	L 5	L 5	-	L 5	N-D	207
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	N-D	1500
	PYRENE	UG/L	L 4	L 4	-	L 4	N-D	308
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	6	L 1
	ARSENIC	UG/L	L 50	L 50	-	L 50	11	L 1
	CADMIUM	UG/L	L 2	L 2	-	L 2	30	L 7
	CHROMIUM	UG/L	8	L 5	38	L 5	740	L 180
	COPPER	UG/L	156	106	32	89	3700	690
	CYANIDE	UG/L	137	58	58	160	1700	335
	LEAD	UG/L	L 50	L 50	-	L 50	770	200
	MERCURY	MG/L	400	L 200	50	200	12000	L 5000
	SELENIUM	UG/L	L 50	L 50	-	L 50	11	L 2

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/04
L-LESS THAN; G-GREATER THAN; T-TRACE; I OR J-INTERFERENCE; U-UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 39

SAMPLE DATE ENDING 80/12/04 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	SILVER	UG/L	L 5	L 5	-	L 5	160	L 42
	ZINC	UG/L	119	79	34	101	3200	230
NON-CONV. METALS	ALUMINUM	UG/L	815	324	60	288	NOT RUN	NOT RUN
	BARIUM	UG/L	86	42	51	59	NOT RUN	NOT RUN
	CALCIUM	MG/L	34	31	9	39	NOT RUN	NOT RUN
	IRON	UG/L	729	325	55	436	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	12	11	8	15	NOT RUN	NOT RUN
	MANGANESE	UG/L	74	53	28	69	NOT RUN	NOT RUN
	SODIUM	MG/L	43	45	-	37	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/04
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DAILY ANALYTICAL RESULTS

PLANT 39

SAMPLE DATE ENDING 80/12/04 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	I/P BED EFFLUENT	PERCENT REMOVAL	TAP WATER
CONVENTIONALS	BOD	MG/L	245	9	96	1
	TOTAL SUSP. SOLIDS	MG/L	124	4	97	2
	COD	MG/L	455	28	94	16
	OIL & GREASE	MG/L	38	13	66	7
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	49	24	51	8
	TOTAL SOLIDS	MG/L	478	676	-	74
	TOTAL DISS. SOLIDS	MG/L	348	704	-	59
	TOTAL VOLATILE SOLIDS	MG/L	300	152	49	30
	VOLATILE DISS. SOLIDS	MG/L	128	213	-	25
	TOTAL VOL. SUS. SOLIDS	MG/L	100	3	97	2
	AMMONIA NITROGEN	MG/L	14	L 1	93	L 1
	TOC	MG/L	65	9	86	1
VOLATILES	BENZENE	UG/L	4	L 1	75	L 1
	CHLOROBENZENE	UG/L	1	L 1	-	L 1
	1,1,1-TRICHLOROETHANE	UG/L	6	L 1	83	L 1
	CHLOROFORM	UG/L	9	L 1	89	85
	ETHYLBENZENE	UG/L	2	L 1	50	L 1
	METHYLENE CHLORIDE	UG/L	31	3	90	L 3
	CHLORODIBROMOMETHANE	UG/L	L 1	L 1	-	3
	TETRACHLOROETHYLENE	UG/L	22	2	91	L 1
	TOLUENE	UG/L	188	L 1	99	L 1
	TRICHLOROETHYLENE	UG/L	36	L 1	97	L 1
ACID EXTRACT	PHENOL	UG/L	4	L 1	75	L 1
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	27	9	67	L 3
	BUTYL BENZYL PHTHALATE	UG/L	5	L 3	40	L 3
	DI-N-BUTYL PHTHALATE	UG/L	11	L 4	64	L 4
	DIETHYL PHTHALATE	UG/L	9	L 5	44	L 5
METALS	CHROMIUM	UG/L	8	L 5	38	L 5
	COPPER	UG/L	156	18	88	17
	CYANIDE	UG/L	137	24	82	17
	MERCURY	NG/L	400	L 200	50	L 50
	ZINC	UG/L	119	L 20	83	24
NON-CONV. METALS	ALUMINUM	UG/L	815	58	93	48
	BARIUM	UG/L	86	112	-	8
	CALCIUM	MG/L	34	81	-	7
	IRON	UG/L	729	L 50	93	L 50
	MAGNESIUM	MG/L	12	30	-	L 2
	MANGANESE	UG/L	74	40	46	3
	SODIUM	MG/L	43	55	-	L 2

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/04
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 39

SAMPLE DATE ENDING 80/12/05 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	210	32	85	154	13500	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	100	11	89	62	6000	NOT RUN
	COD	MG/L	455	156	66	410	17600	NOT RUN
	OIL & GREASE	MG/L	32	11	66	23	31	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	29	69	-	23	100	NOT RUN
	TOTAL SOLIDS	MG/L	426	390	8	376	11510	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	359	333	7	353	2550	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	208	238	-	116	8616	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	106	95	10	96	2375	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	78	11	86	50	4500	NOT RUN
	AMMONIA NITROGEN	MG/L	16	14	13	12	106	NOT RUN
	TOC	MG/L	75	18	76	75	1550	NOT RUN
VOLATILES	BENZENE	UG/L	12	L 1	92	5	6	NOT RUN
	CHLOROBENZENE	UG/L	1	L 1	-	L 1	N-D	NOT RUN
	1,2-DICHLOROETHANE	UG/L	12	L 1	92	L 1	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	9	L 1	89	7	N-D	NOT RUN
	CHLOROFORM	UG/L	L 1	6	-	48	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	200	L 1	99	1	1490	NOT RUN
	1,3-DICHLOROPROPYLENE	UG/L	2	L 1	50	L 1	N-D	NOT RUN
	ETHYLBENZENE	UG/L	2	L 1	50	3	3	NOT RUN
	METHYLENE CHLORIDE	UG/L	250	53	79	71	274	NOT RUN
	TETRACHLOROETHYLENE	UG/L	17	120	-	8	N-D	NOT RUN
	TOLUENE	UG/L	390	11	97	460	323	NOT RUN
	TRICHLOROETHYLENE	UG/L	465	1	100	93	8	NOT RUN
ACID EXTRACT	PHENOL	UG/L	2	L 1	50	13	N-D	NOT RUN
BASE-NEUTRALS	3,3'-DICHLOROBENZIDINE	UG/L	L 25	L 25	-	3	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	85	52	39	L 3	1400	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	14	L 3	79	14	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	29	5	83	L 4	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	5	-	12	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	10	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	7	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	L 2	45	NOT RUN
	CHROMIUM	UG/L	11	L 5	55	12	1000	NOT RUN
	COPPER	UG/L	137	94	31	128	5500	NOT RUN
	CYANIDE	UG/L	104	45	57	129	1580	NOT RUN
	LEAD	UG/L	L 50	L 50	-	L 50	1700	NOT RUN
	MERCURY	MG/L	400	L 200	50	1200	5000	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	44	NOT RUN
	SILVER	UG/L	L 5	L 5	-	L 5	300	NOT RUN
	ZINC	UG/L	154	81	47	97	5300	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	781	281	64	556	NOT RUN	NOT RUN
	BARIUM	UG/L	108	42	61	63	NOT RUN	NOT RUN
	CALCIUM	MG/L	32	31	3	28	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/05
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 39

SAMPLE DATE ENDING 80/12/05 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	IRON	UG/L	910	379	58	498	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	12	11	8	10	NOT RUN	NOT RUN
	MANGANESE	UG/L	74	55	26	73	NOT RUN	NOT RUN
	SODIUM	MG/L	41	41	-	48	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/05
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 39

SAMPLE DATE ENDING 80/12/05 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	I/P BED EFFLUENT	PERCENT REMOVAL	TAP WATER
CONVENTIONALS	BOD	MG/L	210	9	96	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	100	5	95	NOT RUN
	COD	MG/L	455	52	89	NOT RUN
	OIL & GREASE	MG/L	32	5	84	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	29	8	72	NOT RUN
	TOTAL SOLIDS	MG/L	426	600	-	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	359	622	-	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	208	146	30	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	106	179	-	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	78	3	96	NOT RUN
	AMMONIA NITROGEN	MG/L	16	3	81	NOT RUN
	TOC	MG/L	75	10	87	NOT RUN
VOLATILES	BENZENE	UG/L	12	L 1	92	NOT RUN
	CHLOROBENZENE	UG/L	1	L 1	-	NOT RUN
	1,2-DICHLOROETHANE	UG/L	12	L 1	92	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	9	L 1	89	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	200	L 1	99	NOT RUN
	1,3-DICHLOROPROPYLENE	UG/L	2	L 1	50	NOT RUN
	ETHYLBENZENE	UG/L	2	L 1	50	NOT RUN
	METHYLENE CHLORIDE	UG/L	250	6	98	NOT RUN
	TETRACHLOROETHYLENE	UG/L	17	3	82	NOT RUN
	TOLUENE	UG/L	390	5	99	NOT RUN
	TRICHLOROETHYLENE	UG/L	465	5	99	NOT RUN
ACID EXTRACT	PHENOL	UG/L	2	L 1	50	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	85	8	91	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	14	L 3	79	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	29	L 4	86	NOT RUN
	DIETHYL PHTHALATE	UG/L	5	L 5	-	NOT RUN
METALS	CHROMIUM	UG/L	11	L 5	55	NOT RUN
	COPPER	UG/L	137	19	86	NOT RUN
	CYANIDE	UG/L	104	28	73	NOT RUN
	MERCURY	NG/L	400	L 200	50	NOT RUN
	ZINC	UG/L	154	28	82	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	781	98	87	NOT RUN
	BARIUM	UG/L	108	109	-	NOT RUN
	CALCIUM	MG/L	32	71	-	NOT RUN
	IRON	UG/L	910	81	91	NOT RUN
	MAGNESIUM	MG/L	12	27	-	NOT RUN
	MANGANESE	UG/L	74	102	-	NOT RUN
	SODIUM	MG/L	41	54	-	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/05
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 39

SAMPLE DATE ENDING 80/12/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	215	36	83	150	8500	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	82	26	68	72	5490	NOT RUN
	COD	MG/L	390	136	65	320	16400	NOT RUN
	OIL & GREASE	MG/L	63	13	79	22	33	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	32	43	-	110	81	NOT RUN
	TOTAL SOLIDS	MG/L	468	398	15	362	10500	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	333	361	-	322	2560	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	186	124	33	118	425	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	107	89	17	76	2440	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	43	21	51	42	5370	NOT RUN
	AMMONIA NITROGEN	MG/L	14	14	-	12	118	NOT RUN
	TOC	MG/L	75	20	63	59	950	NOT RUN
VOLATILES	BENZENE	UG/L	4	L 1	75	2	3	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	L 1	L 1	-	7	N-D	NOT RUN
	CHLOROFORM	UG/L	14	11	21	13	20	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	29	L 1	97	1	765	NOT RUN
	1,3-DICHLOROPROPYLENE	UG/L	10	L 1	90	L 1	N-D	NOT RUN
	ETHYLBENZENE	UG/L	3	L 1	67	L 1	10	NOT RUN
	METHYLENE CHLORIDE	UG/L	39	16	59	45	121	NOT RUN
	TETRACHLOROETHYLENE	UG/L	8	43	-	4	N-D	NOT RUN
	TOLUENE	UG/L	370	9	98	29	273	NOT RUN
	TRICHLOROETHYLENE	UG/L	170	2	99	57	37	NOT RUN
ACID EXTRACT	PHENOL	UG/L	11	L 1	91	13	N-D	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L 5	L 5	-	8	N-D	NOT RUN
	NAPHTHALENE	UG/L	5	L 3	40	100	N-D	NOT RUN
	NITROBENZENE	UG/L	L 10	L 10	-	20	N-D	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	71	58	18	61	1300	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	11	L 3	73	8	N-D	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	10	4	60	8	N-D	NOT RUN
	DIETHYL PHTHALATE	UG/L	8	L 5	38	11	N-D	NOT RUN
	ANTHRACENE	UG/L	L 10	L 10	-	L 10	93	NOT RUN
	PHENANTHRENE	UG/L	L 10	L 10	-	L 10	93	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	L 50	9	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	L 50	3	NOT RUN
	CADMIUM	UG/L	3	L 2	33	L 2	34	NOT RUN
	CHROMIUM	UG/L	25	13	48	L 5	800	NOT RUN
	COPPER	UG/L	122	77	37	121	4200	NOT RUN
	CYANIDE	UG/L	108	44	59	82	1460	NOT RUN
	LEAD	UG/L	58	L 50	14	L 50	1400	NOT RUN
	MERCURY	NG/L	900	500	44	300	L 1000	NOT RUN
	NICKEL	UG/L	14	L 10	29	L 10	5900	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	L 50	25	NOT RUN
	SILVER	UG/L	16	8	50	L 5	190	NOT RUN
	ZINC	UG/L	98	65	34	58	4000	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/06
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 39

SAMPLE DATE ENDING 80/12/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L	568	185	67	618	NOT RUN	NOT RUN
	BARIUM	UG/L	87	32	63	57	NOT RUN	NOT RUN
	CALCIUM	MG/L	28	30	-	25	NOT RUN	NOT RUN
	IRON	UG/L	610	238	61	405	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	11	10	9	9	NOT RUN	NOT RUN
	MANGANESE	UG/L	67	55	18	51	NOT RUN	NOT RUN
	SODIUM	MG/L	43	43	-	43	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/06
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 39

SAMPLE DATE ENDING 80/12/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	I/P BED EFFLUENT	PERCENT REMOVAL	TAP WATER
CONVENTIONALS	BOD	MG/L	215	11	95	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	82	5	94	NOT RUN
	COD	MG/L	390	44	89	NOT RUN
	OIL & GREASE	MG/L	63	2	97	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	32	8	75	NOT RUN
	TOTAL SOLIDS	MG/L	468	562	-	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	333	581	-	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	186	144	23	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	107	165	-	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	43	3	93	NOT RUN
	AMMONIA NITROGEN	MG/L	14	3	79	NOT RUN
	TOC	MG/L	75	6	92	NOT RUN
VOLATILES	BENZENE	UG/L	4	L 1	75	NOT RUN
	CHLOROFORM	UG/L	14	3	79	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	29	L 1	97	NOT RUN
	1,3-DICHLOROPROPYLENE	UG/L	10	L 1	90	NOT RUN
	ETHYLBENZENE	UG/L	3	L 1	67	NOT RUN
	METHYLENE CHLORIDE	UG/L	39	9	77	NOT RUN
	TETRACHLOROETHYLENE	UG/L	8	8	--	NOT RUN
	TOLUENE	UG/L	370	1	100	NOT RUN
	TRICHLOROETHYLENE	UG/L	170	L 1	99	NOT RUN
ACID EXTRACT	PHENOL	UG/L	11	L 1	91	NOT RUN
BASE-NEUTRALS	NAPHTHALENE	UG/L	5	L 3	40	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	71	4	94	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	11	L 3	73	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	10	L 4	60	NOT RUN
	DIETHYL PHTHALATE	UG/L	8	L 5	38	NOT RUN
METALS	CADMIUM	UG/L	3	L 2	33	NOT RUN
	CHROMIUM	UG/L	25	L 5	80	NOT RUN
	COPPER	UG/L	122	17	86	NOT RUN
	CYANIDE	UG/L	108	25	77	NOT RUN
	LEAD	UG/L	58	L 50	14	NOT RUN
	MERCURY	MG/L	900	L 200	78	NOT RUN
	NICKEL	UG/L	14	L 10	29	NOT RUN
	SILVER	UG/L	16	L 5	69	NOT RUN
	ZINC	UG/L	98	L 20	80	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	568	54	90	NOT RUN
	BARIUM	UG/L	87	98	-	NOT RUN
	CALCIUM	MG/L	28	66	-	NOT RUN
	IRON	UG/L	610	L 50	92	NOT RUN
	MAGNESIUM	MG/L	11	24	-	NOT RUN
	MANGANESE	UG/L	67	27	60	NOT RUN
	SODIUM	MG/L	43	50	-	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/06
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 39

SAMPLE DATE ENDING 80/12/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	180	28	84	NOT RUN	11000	2833
	TOTAL SUSP. SOLIDS	MG/L	51	16	69	NOT RUN	6310	750
	COD	MG/L	425	112	74	NOT RUN	18000	1200
	OIL & GREASE	MG/L	58	2	97	NOT RUN	28	22
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	35	19	46	NOT RUN	94	25
	TOTAL SOLIDS	MG/L	438	398	9	NOT RUN	12214	884
	TOTAL DISS. SOLIDS	MG/L	358	343	4	NOT RUN	3214	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	156	106	32	NOT RUN	9920	468
	VOLATILE DISS. SOLIDS	MG/L	81	107	-	NOT RUN	1548	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	49	15	69	NOT RUN	5830	NOT RUN
	AMMONIA NITROGEN	MG/L	14	14	-	NOT RUN	122	17
	TOC	MG/L	65	13	80	NOT RUN	1250	80
VOLATILES	BENZENE	UG/L	4	L 1	75	NOT RUN	3	N-D
	CARBON TETRACHLORIDE	UG/L	1	L 1	-	NOT RUN	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	13	L 1	92	NOT RUN	N-D	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 1	L 1	-	NOT RUN	N-D	5
	CHLOROFORM	UG/L	7	5	29	NOT RUN	N-D	2
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	NOT RUN	196	N-D
	ETHYLBENZENE	UG/L	2	L 1	50	NOT RUN	7	N-D
	METHYLENE CHLORIDE	UG/L	110	12	89	NOT RUN	93	14
	TETRACHLOROETHYLENE	UG/L	9	6	33	NOT RUN	N-D	N-D
	TOLUENE	UG/L	350	3	99	NOT RUN	163	11
	TRICHLOROETHYLENE	UG/L	47	L 1	98	NOT RUN	27	3
ACID EXTRACT	PHENOL	UG/L	1	L 1	-	NOT RUN	N-D	N-D
BASE-NEUTRALS	NAPHTHALENE	UG/L	5	6	-	NOT RUN	270	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	19	21	-	NOT RUN	1300	160
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	NOT RUN	106	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	NOT RUN	13	3
	ARSENIC	UG/L	L 50	L 50	-	NOT RUN	7	2
	CADMIUM	UG/L	L 2	3	-	NOT RUN	60	31
	CHROMIUM	UG/L	L 5	14	-	NOT RUN	1200	L 280
	COPPER	UG/L	214	83	61	NOT RUN	7400	1200
	CYANIDE	UG/L	120	NOT RUN	-	NOT RUN	1780	263
	LEAD	UG/L	L 50	66	-	NOT RUN	2890	L 260
	MERCURY	NG/L	300	300	-	NOT RUN	32000	L 2000
	NICKEL	UG/L	L 10	L 10	-	NOT RUN	860	L 91
	SELENIUM	UG/L	L 50	L 50	-	NOT RUN	28	12
	SILVER	UG/L	L 5	10	-	NOT RUN	470	110
	ZINC	UG/L	63	65	-	NOT RUN	6900	1000
NON-CONV. METALS	ALUMINUM	UG/L	319	261	18	NOT RUN	NOT RUN	NOT RUN
	BARIUM	UG/L	68	37	46	NOT RUN	NOT RUN	NOT RUN
	CALCIUM	MG/L	32	26	19	NOT RUN	NOT RUN	NOT RUN
	IRON	UG/L	429	275	36	NOT RUN	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	13	10	23	NOT RUN	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/07
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 39

SAMPLE DATE ENDING 80/12/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	MANGANESE	UG/L	61	50	18	NOT RUN	NOT RUN	NOT RUN
	SODIUM	MG/L	43	41	5	NOT RUN	NOT RUN	NOT RUN

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POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/07
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 39

SAMPLE DATE ENDING 80/12/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	I/P BED EFFLUENT	PERCENT REMOVAL	TAP WATER
CONVENTIONALS	BOD	MG/L	180	11	94	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	51	4	92	NOT RUN
	COD	MG/L	425	40	91	NOT RUN
	OIL & GREASE	MG/L	58	1	98	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	35	12	66	NOT RUN
	TOTAL SOLIDS	MG/L	438	578	-	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	358	600	-	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	156	168	-	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	81	131	-	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	49	3	94	NOT RUN
	AMMONIA NITROGEN	MG/L	14	2	86	NOT RUN
	TOC	MG/L	65	9	86	NOT RUN
VOLATILES	BENZENE	UG/L	4	L 1	75	NOT RUN
	CARBON TETRACHLORIDE	UG/L	1	L 1	-	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	13	L 1	92	NOT RUN
	CHLOROFORM	UG/L	7	3	57	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 1	-	NOT RUN
	ETHYLBENZENE	UG/L	2	L 1	50	NOT RUN
	METHYLENE CHLORIDE	UG/L	110	10	91	NOT RUN
	TETRACHLOROETHYLENE	UG/L	9	6	33	NOT RUN
	TOLUENE	UG/L	350	L 1	100	NOT RUN
	TRICHLOROETHYLENE	UG/L	47	L 1	98	NOT RUN
ACID EXTRACT	PHENOL	UG/L	1	L 1	-	NOT RUN
BASE-NEUTRALS	NAPHTHALENE	UG/L	5	L 3	40	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	19	L 3	84	NOT RUN
METALS	COPPER	UG/L	214	12	94	NOT RUN
	CYANIDE	UG/L	120	44	63	NOT RUN
	MERCURY	MG/L	300	L 200	33	NOT RUN
	ZINC	UG/L	63	L 20	68	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	319	73	77	NOT RUN
	BARIUM	UG/L	68	91	-	NOT RUN
	CALCIUM	MG/L	32	67	-	NOT RUN
	IRON	UG/L	429	L 50	88	NOT RUN
	MAGNESIUM	MG/L	13	24	-	NOT RUN
	MANGANESE	UG/L	61	14	77	NOT RUN
	SODIUM	MG/L	43	48	-	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/07
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 40

SAMPLE DATE ENDING 80/12/10 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	265	56	79	30000	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	88	50	43	9820	NOT RUN
	COD	MG/L	380	150	61	19600	NOT RUN
	OIL & GREASE	MG/L	30	10	67	3100	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	46	31	33	126	NOT RUN
	TOTAL SOLIDS	MG/L	1282	1174	8	19030	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	1220	1156	5	3570	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	110	104	5	10028	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	152	174	-	1071	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	48	26	46	9820	NOT RUN
	AMMONIA NITROGEN	MG/L	8	7	13	36	NOT RUN
	TOC	MG/L	80	38	52	1250	NOT RUN
VOLATILES	CARBON TETRACHLORIDE	UG/L	L 1	1	-	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	32	L 1	97	N-D	NOT RUN
	CHLOROFORM	UG/L	85	10	88	126	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	20	1	95	21	NOT RUN
	ETHYLBENZENE	UG/L	1	L 1	-	5	NOT RUN
	METHYLENE CHLORIDE	UG/L	4	L 3	25	24	NOT RUN
	TETRACHLOROETHYLENE	UG/L	120	8	93	160	NOT RUN
	TOLUENE	UG/L	17	1	94	13	NOT RUN
	TRICHLOROETHYLENE	UG/L	15	L 1	93	177	NOT RUN
ACID EXTRACT	PHENOL	UG/L	3	L 1	67	N-D	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	10	L 5	50	450	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	6	8	-	840	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	350	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	5	-	49	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	42	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	42	NOT RUN
	ANTHRACENE	UG/L	L 10	L 10	-	33	NOT RUN
	PHENANTHRENE	UG/L	L 10	L 10	-	33	NOT RUN
METALS	ARSENIC	UG/L	L 50	L 50	-	220	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	66	NOT RUN
	CHROMIUM	UG/L	72	43	40	3400	NOT RUN
	COPPER	UG/L	53	27	49	2000	NOT RUN
	CYANIDE	UG/L	72	62	14	130	NOT RUN
	LEAD	UG/L	L 50	L 50	-	1900	NOT RUN
	MERCURY	MG/L	800	500	38	L 5000	NOT RUN
	NICKEL	UG/L	24	18	25	L 46	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	7	NOT RUN
	SILVER	UG/L	L 5	L 5	-	310	NOT RUN
	ZINC	UG/L	137	92	33	590	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	951	398	58	NOT RUN	NOT RUN
	BARIUM	UG/L	62	32	48	NOT RUN	NOT RUN
	CALCIUM	MG/L	46	45	2	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/10
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 40

SAMPLE DATE ENDING 80/12/10 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	IRON	UG/L	1640	1210	26	NOT RUN	NOT RUN
	MANGANESE	UG/L	76	71	7	NOT RUN	NOT RUN
	SODIUM	MG/L	311	292	6	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/10
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N=D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 40

SAMPLE DATE ENDING 80/12/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	210	48	77	29000	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	145	62	57	8570	NOT RUN
	COD	MG/L	380	170	55	16000	NOT RUN
	OIL & GREASE	MG/L	33	16	52	3500	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	80	4	95	242	NOT RUN
	TOTAL SOLIDS	MG/L	1366	1370	-	16800	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	1300	1270	2	3970	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	190	216	-	9432	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	155	158	-	952	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	86	35	59	5560	NOT RUN
	AMMONIA NITROGEN	MG/L	10	9	10	34	NOT RUN
	TOC	MG/L	85	45	47	2000	NOT RUN
VOLATILES	CARBON TETRACHLORIDE	UG/L	L 1	4	-	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	21	6	71	N-D	NOT RUN
	CHLOROFORM	UG/L	100	23	77	63	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	19	5	74	15	NOT RUN
	ETHYLBENZENE	UG/L	6	1	83	N-D	NOT RUN
	METHYLENE CHLORIDE	UG/L	14	9	36	35	NOT RUN
	TRICHLOROFLUOROMETHANE	UG/L	17	1	94	N-D	NOT RUN
	TETRACHLOROETHYLENE	UG/L	140	21	87	30	NOT RUN
	TOLUENE	UG/L	18	6	67	15	NOT RUN
	TRICHLOROETHYLENE	UG/L	17	3	82	159	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	L 5	4	-	N-D	NOT RUN
	PHENOL	UG/L	7	2	71	N-D	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	23	L 5	78	630	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	110	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	8	L 3	63	840	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	350	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	37	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	140	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	140	NOT RUN
	ANTHRACENE	UG/L	L 10	L 10	-	89	NOT RUN
	PHENANTHRENE	UG/L	L 10	L 10	-	89	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	103	NOT RUN
PESTICIDES	HEPTACHLOR EPOXIDE	NG/L	L 500	100	-	N-D	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	5	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	92	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	46	NOT RUN
	CHROMIUM	UG/L	78	51	35	4200	NOT RUN
	COPPER	UG/L	52	38	27	860	NOT RUN
	CYANIDE	UG/L	88	54	39	550	NOT RUN
	LEAD	UG/L	L 50	L 50	-	1500	NOT RUN
	MERCURY	NG/L	600	600	-	L 2000	NOT RUN
	NICKEL	UG/L	28	12	57	L 91	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/11
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 40

SAMPLE DATE ENDING 80/12/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
METALS	SELENIUM	UG/L	L 50	L 50	-	2	NOT RUN
	SILVER	UG/L	L 5	L 5	-	200	NOT RUN
	ZINC	UG/L	319	161	50	1600	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	743	532	28	NOT RUN	NOT RUN
	BARIUM	UG/L	58	36	38	NOT RUN	NOT RUN
	CALCIUM	MG/L	38	38	-	NOT RUN	NOT RUN
	IRON	UG/L	12300	4840	61	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3	L 2	33	NOT RUN	NOT RUN
	MANGANESE	UG/L	115	93	19	NOT RUN	NOT RUN
	SODIUM	MG/L	313	337	-	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/11
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 40

SAMPLE DATE ENDING 80/12/11 0800 HOURS

FRACTION	PARAMETER	UNITS	RECYCLE LINE	OTHER SOURCE	TAP WATER
CONVENTIONALS	BOD	MG/L	NOT RUN	NOT RUN	4
	TOTAL SUSP. SOLIDS	MG/L	NOT RUN	NOT RUN	5
	COD	MG/L	NOT RUN	NOT RUN	20
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	NOT RUN	NOT RUN	8
	TOTAL SOLIDS	MG/L	NOT RUN	NOT RUN	816
	TOTAL DISS. SOLIDS	MG/L	NOT RUN	NOT RUN	768
	TOTAL VOLATILE SOLIDS	MG/L	NOT RUN	NOT RUN	68
	VOLATILE DISS. SOLIDS	MG/L	NOT RUN	NOT RUN	126
	TOTAL VOL. SUS. SOLIDS	MG/L	NOT RUN	NOT RUN	4
	TOC	MG/L	NOT RUN	NOT RUN	2
VOLATILES	BROMOFORM	UG/L	NOT RUN	NOT RUN	2
METALS	COPPER	UG/L	NOT RUN	NOT RUN	41
	CYANIDE	UG/L	NOT RUN	NOT RUN	14
NON-CONV. METALS	BARIUM	UG/L	NOT RUN	NOT RUN	12
	CALCIUM	MG/L	NOT RUN	NOT RUN	3
	MANGANESE	UG/L	NOT RUN	NOT RUN	3
	SODIUM	MG/L	NOT RUN	NOT RUN	248

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/11
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 40

SAMPLE DATE ENDING 80/12/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	230	99	57	17500	3333
	TOTAL SUSP. SOLIDS	MG/L	152	106	30	24400	2100
	COD	MG/L	420	265	37	25600	1600
	OIL & GREASE	MG/L	50	14	72	4900	51
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	48	22	54	1510	58
	TOTAL SOLIDS	MG/L	1724	1652	4	52036	3666
	TOTAL DISS. SOLIDS	MG/L	1545	1575	-	5740	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	202	308	-	26214	1236
	VOLATILE DISS. SOLIDS	MG/L	252	203	19	3704	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	123	63	49	15185	1260
	AMMONIA NITROGEN	MG/L	11	12	-	88	19
	TOC	MG/L	100	74	26	2200	180
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	34	3	91	N-D	N-D
	CHLOROFORM	UG/L	81	13	84	34	N-D
	1,1-DICHLOROETHYLENE	UG/L	2	L 1	50	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	52	2	96	37	N-D
	ETHYLBENZENE	UG/L	3	L 1	67	38	N-D
	METHYLENE CHLORIDE	UG/L	11	L 3	73	210	24
	TETRACHLOROETHYLENE	UG/L	55	L 1	98	N-D	N-D
	TOLUENE	UG/L	24	4	83	109	49
	TRICHLOROETHYLENE	UG/L	26	L 1	96	403	N-D
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	14	7	50	N-D	N-D
	PHENOL	UG/L	8	2	75	2900	N-D
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	86	6	93	1500	N-D
	FLUORANTHENE	UG/L	L 4	L 4	-	180	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	16	14	13	1800	110
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	640	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	N-D	18
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	180	N-D
	CHRYSENE	UG/L	L 5	L 5	-	180	N-D
	ANTHRACENE	UG/L	L 10	L 10	-	109	N-D
	PHENANTHRENE	UG/L	L 10	L 10	-	109	N-D
	PYRENE	UG/L	L 4	L 4	-	160	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	12	L 1
	ARSENIC	UG/L	L 50	L 50	-	210	56
	CADMIUM	UG/L	L 2	L 2	-	140	23
	CHROMIUM	UG/L	84	87	-	11000	1600
	COPPER	UG/L	56	48	14	3200	580
	CYANIDE	UG/L	71	66	7	810	539
	LEAD	UG/L	L 50	L 50	-	1100	110
	MERCURY	NG/L	800	800	-	30000	L 5000
	NICKEL	UG/L	14	13	7	910	77
	SELENIUM	UG/L	L 50	L 50	-	2	L 2
	SILVER	UG/L	6	L 5	17	430	L 42
	ZINC	UG/L	144	158	-	13000	890

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/12
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 40

SAMPLE DATE ENDING 80/12/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L	799	1040	-	NOT RUN	NOT RUN
	BARIUM	UG/L	48	60	-	NOT RUN	NOT RUN
	CALCIUM	MG/L	32	32	-	NOT RUN	NOT RUN
	IRON	UG/L	1370	4040	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	63	68	-	NOT RUN	NOT RUN
	SODIUM	MG/L	437	436	-	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/12
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 40

SAMPLE DATE ENDING 80/12/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	190	24	87	17000	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	97	42	57	19100	NOT RUN
	COD	MG/L	440	150	66	93600	NOT RUN
	OIL & GREASE	MG/L	43	10	77	4600	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	12	22	-	2540	NOT RUN
	TOTAL SOLIDS	MG/L	1578	1480	6	47606	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	1480	1460	1	5625	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	182	216	-	24688	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	214	142	34	4220	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	86	33	62	12031	NOT RUN
	AMMONIA NITROGEN	MG/L	20	13	35	84	NOT RUN
	TOC	MG/L	110	39	65	2000	NOT RUN
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	27	L 1	96	N-D	NOT RUN
	CHLOROFORM	UG/L	16	4	75	25	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	2	L 1	50	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	62	L 1	98	19	NOT RUN
	ETHYLBENZENE	UG/L	3	L 1	67	31	NOT RUN
	METHYLENE CHLORIDE	UG/L	11	L 3	73	108	NOT RUN
	TETRACHLOROETHYLENE	UG/L	69	L 1	99	N-D	NOT RUN
	TOLUENE	UG/L	8	L 1	88	126	NOT RUN
	TRICHLOROETHYLENE	UG/L	35	L 1	97	225	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	18	7	61	N-D	NOT RUN
	PHENOL	UG/L	2	L 1	50	1200	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	8	L 5	38	1040	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	57	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	11	8	27	1800	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	L 3	L 3	-	480	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	54	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	88	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	88	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	57	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	9	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	537	NOT RUN
	CADMIUM	UG/L	3	L 2	33	110	NOT RUN
	CHROMIUM	UG/L	967	759	22	14000	NOT RUN
	COPPER	UG/L	51	31	39	2500	NOT RUN
	CYANIDE	UG/L	72	48	33	420	NOT RUN
	LEAD	UG/L	L 50	L 50	-	760	NOT RUN
	MERCURY	NG/L	600	400	33	49000	NOT RUN
	NICKEL	UG/L	L 10	12	-	440	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	4	NOT RUN
	SILVER	UG/L	L 5	L 5	-	460	NOT RUN
	ZINC	UG/L	115	94	18	8200	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	724	437	40	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/13
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 40

SAMPLE DATE ENDING 80/12/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	BARIUM	UG/L	54	28	48	NOT RUN	NOT RUN
	CALCIUM	MG/L	33	30	9	NOT RUN	NOT RUN
	IRON	UG/L	1390	1630	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	66	56	15	NOT RUN	NOT RUN
	SODIUM	MG/L	408	379	7	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/13
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 40

SAMPLE DATE ENDING 80/12/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	230	47	80	40000	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	127	36	72	16400	NOT RUN
	COD	MG/L	380	92	76	43200	NOT RUN
	OIL & GREASE	MG/L	60	12	80	600	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	33	24	27	632	NOT RUN
	TOTAL SOLIDS	MG/L	1390	1444	-	33126	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	1290	1352	-	8390	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	222	164	26	18972	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	250	194	22	3040	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	85	22	74	10200	NOT RUN
	AMMONIA NITROGEN	MG/L	22	14	36	94	NOT RUN
	TOC	MG/L	70	30	57	2800	NOT RUN
VOLATILES	CARBON TETRACHLORIDE	UG/L	L 1	2	-	N-D	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	9	L 1	89	N-D	NOT RUN
	CHLOROFORM	UG/L	3	2	33	N-D	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	59	L 1	98	116	NOT RUN
	ETHYLBENZENE	UG/L	4	L 1	75	36	NOT RUN
	METHYLENE CHLORIDE	UG/L	6	L 3	50	62	NOT RUN
	TETRACHLOROETHYLENE	UG/L	50	L 1	98	N-D	NOT RUN
	TOLUENE	UG/L	5	L 1	80	82	NOT RUN
	TRICHLOROETHYLENE	UG/L	31	L 1	97	181	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	28	14	50	N-D	NOT RUN
	PHENOL	UG/L	13	L 1	92	N-D	NOT RUN
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	71	L 5	93	1200	NOT RUN
	FLUORANTHENE	UG/L	L 4	L 4	-	130	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	17	6	65	1400	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	5	L 3	40	650	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	6	L 4	33	N-D	NOT RUN
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	210	NOT RUN
	CHRYSENE	UG/L	L 5	L 5	-	210	NOT RUN
	ANTHRACENE	UG/L	L 10	L 10	-	94	NOT RUN
	PHENANTHRENE	UG/L	L 10	L 10	-	94	NOT RUN
	PYRENE	UG/L	L 4	L 4	-	130	NOT RUN
METALS	ANTIMONY	UG/L	L 50	L 50	-	20	NOT RUN
	ARSENIC	UG/L	L 50	L 50	-	170	NOT RUN
	CADMIUM	UG/L	L 2	L 2	-	92	NOT RUN
	CHROMIUM	UG/L	106	76	28	13000	NOT RUN
	COPPER	UG/L	59	24	59	1600	NOT RUN
	CYANIDE	UG/L	81	42	48	520	NOT RUN
	LEAD	UG/L	L 50	L 50	-	760	NOT RUN
	MERCURY	NG/L	400	300	25	2000	NOT RUN
	NICKEL	UG/L	34	L 10	71	310	NOT RUN
	SELENIUM	UG/L	L 50	L 50	-	8	NOT RUN
	SILVER	UG/L	L 5	L 5	-	360	NOT RUN
	ZINC	UG/L	251	81	68	5600	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 40

SAMPLE DATE ENDING 80/12/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L	774	274	65	NOT RUN	NOT RUN
	BARIUM	UG/L	57	22	61	NOT RUN	NOT RUN
	CALCIUM	MG/L	35	81	-	NOT RUN	NOT RUN
	IRON	UG/L	11600	2890	75	NOT RUN	NOT RUN
	MANGANESE	UG/L	116	79	32	NOT RUN	NOT RUN
	SODIUM	MG/L	321	321	-	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 40

SAMPLE DATE ENDING 80/12/15 0800 HOURS

FRACTION	PARAMETER	UNITS	RECYCLE LINE	OTHER SOURCE	TAP WATER
CONVENTIONALS	BOD	MG/L	680	72	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	281	40	NOT RUN
	COD	MG/L	400	60	NOT RUN
	OIL & GREASE	MG/L	36	6	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	18	6	NOT RUN
	TOTAL SOLIDS	MG/L	1966	1646	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	1590	1574	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	510	254	NOT RUN
	VOLATILE DISS. SOLIDS	MG/L	313	171	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	134	23	NOT RUN
	AMMONIA NITROGEN	MG/L	2	1	NOT RUN
	TOC	MG/L	47	20	NOT RUN
METALS	CADMIUM	UG/L	5	L 2	NOT RUN
	CHROMIUM	UG/L	591	54	NOT RUN
	COPPER	UG/L	310	40	NOT RUN
	CYANIDE	UG/L	60	41	NOT RUN
	LEAD	UG/L	87	L 50	NOT RUN
	MERCURY	NG/L	4900	400	NOT RUN
	NICKEL	UG/L	79	23	NOT RUN
	ZINC	UG/L	921	101	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	2700	399	NOT RUN
	BARIUM	UG/L	190	26	NOT RUN
	CALCIUM	MG/L	53	38	NOT RUN
	IRON	UG/L	25800	2460	NOT RUN
	MAGNESIUM	MG/L	5	4	NOT RUN
	MANGANESE	UG/L	241	54	NOT RUN
	SODIUM	MG/L	400	377	NOT RUN

620

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 40

SAMPLE DATE ENDING 80/12/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	293	57	81	24500	2900
	TOTAL SUSP. SOLIDS	MG/L	216	29	87	21000	280
	COD	MG/L	430	300	30	31600	1680
	OIL & GREASE	MG/L	115	10	91	5900	15
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	60	22	63	460	18
	TOTAL SOLIDS	MG/L	1908	1432	25	40360	1794
	TOTAL DISS. SOLIDS	MG/L	1593	1384	13	5600	1730
	TOTAL VOLATILE SOLIDS	MG/L	324	210	35	25366	252
	VOLATILE DISS. SOLIDS	MG/L	215	196	9	4000	260
	TOTAL VOL. SUS. SOLIDS	MG/L	138	19	86	14600	230
	AMMONIA NITROGEN	MG/L	23	16	30	70	4
	TOC	MG/L	90	41	54	1400	60
VOLATILES	CARBON TETRACHLORIDE	UG/L	L 1	2	-	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	22	L 1	95	N-D	N-D
	CHLOROFORM	UG/L	140	8	94	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	2	L 1	50	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	44	L 1	98	112	N-D
	ETHYLBENZENE	UG/L	8	L 1	88	103	N-D
	METHYLENE CHLORIDE	UG/L	10	L 3	70	330	N-D
	TETRACHLOROETHYLENE	UG/L	38	L 1	97	N-D	N-D
	TOLUENE	UG/L	24	1	96	813	3
	TRICHLOROETHYLENE	UG/L	27	L 1	96	152	N-D
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	6	L 5	17	N-D	N-D
	PHENOL	UG/L	5	L 1	80	N-D	N-D
BASE-NEUTRALS	1,2,4-TRICHLOROBENZENE	UG/L	11	L 5	55	830	N-D
	1,3-DICHLOROBENZENE	UG/L	L 5	L 5	-	59	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	15	9	40	1500	N-D
	BUTYL BENZYL PHTHALATE	UG/L	5	L 3	40	360	N-D
	DI-N-BUTYL PHTHALATE	UG/L	L 4	L 4	-	140	N-D
	1,2-BENZANTHRACENE	UG/L	L 5	L 5	-	57	N-D
	CHRYSENE	UG/L	L 5	L 5	-	57	N-D
METALS	ANTIMONY	UG/L	L 50	L 50	-	13	L 1
	ARSENIC	UG/L	L 50	L 50	-	190	5
	CADMIUM	UG/L	L 2	L 2	-	65	L 17
	CHROMIUM	UG/L	126	93	26	15000	L 280
	COPPER	UG/L	80	11	86	3700	L 150
	CYANIDE	UG/L	114	46	60	440	109
	LEAD	UG/L	L 50	L 50	-	830	L 260
	MERCURY	NG/L	2200	800	64	L 2000	L 2000
	NICKEL	UG/L	47	13	72	320	L 91
	SELENIUM	UG/L	L 50	L 50	-	4	1
	SILVER	UG/L	L 5	L 5	-	310	L 87
	ZINC	UG/L	165	64	61	9300	270
NON-CONV. METALS	ALUMINUM	UG/L	959	249	74	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 40

SAMPLE DATE ENDING 80/12/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	BARIUM	UG/L	46	20	57	NOT RUN	NOT RUN
	CALCIUM	MG/L	24	24	-	NOT RUN	NOT RUN
	IRON	UG/L	5110	1890	63	NOT RUN	NOT RUN
	MANGANESE	UG/L	65	56	14	NOT RUN	NOT RUN
	SODIUM	MG/L	459	387	16	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/12/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 51

SAMPLE DATE ENDING 79/11/28 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
CONVENTIONALS	BOD	MG/L	450	5	99	6450	6900	2700
	TOTAL SUSP. SOLIDS	MG/L	342	7	98	44000	29300	4590
	COD	MG/L	1400	30	98	41000	28000	5600
	OIL & GREASE	MG/L	53	L 5	91	3600	70	30
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	110	12	89	710	250	160
	TOTAL SOLIDS	MG/L	1120	655	42	46500	30100	5760
	TOTAL DISS. SOLIDS	MG/L	778	648	17	2500	800	1170
	TOTAL VOLATILE SOLIDS	MG/L	517	215	58	27700	21400	3600
	AMMONIA NITROGEN	MG/L	19	17	11	89	184	204
	TOC	MG/L	246	50	80	14000	12200	2220
VOLATILES	ACROLEIN	UG/L	L 100	L 100	-	NOT RUN	NOT RUN	335
	BENZENE	UG/L	6	L 10	-	NOT RUN	NOT RUN	16
	1,1,1-TRICHLOROETHANE	UG/L	8	L 10	-	NOT RUN	NOT RUN	L 10
	CHLOROETHANE	UG/L	110	420	-	NOT RUN	NOT RUN	L 10
	CHLOROFORM	UG/L	15	11	27	NOT RUN	NOT RUN	2
	1,2-TRANS-DICHLOROETHYLENE	UG/L	7	L 10	-	NOT RUN	NOT RUN	L 10
	ETHYLBENZENE	UG/L	27	18	33	NOT RUN	NOT RUN	29
	METHYLENE CHLORIDE	UG/L	21	L 10	52	NOT RUN	NOT RUN	13
	TOLUENE	UG/L	360	L 10	97	NOT RUN	NOT RUN	270
	TRICHLOROETHYLENE	UG/L	27	L 10	63	NOT RUN	NOT RUN	L 10
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	210	418	-	NOT RUN	NOT RUN	381
	BUTYL BENZYL PHTHALATE	UG/L	L 30	L 30	-	NOT RUN	NOT RUN	188
	DI-N-BUTYL PHTHALATE	UG/L	18	L 30	-	NOT RUN	NOT RUN	50
	DI-N-OCTYL PHTHALATE	UG/L	24	12	50	NOT RUN	NOT RUN	L 30
	DIMETHYL PHTHALATE	UG/L	34	L 30	12	NOT RUN	NOT RUN	L 30
	ACENAPHTHYLENE	UG/L	L 30	L 30	-	NOT RUN	NOT RUN	3
METALS	ANTIMONY	UG/L	2	L 1	50	10	J 10	1
	ARSENIC	UG/L	L 2	L 2	-	318	96	10
	BERYLLIUM	UG/L	L 1	L 1	-	11	12	2
	CADMIUM	UG/L	L 4	L 4	-	252	311	47
	CHROMIUM	UG/L	184	19	90	8640	9990	1480
	COPPER	UG/L	366	40	89	23400	24500	3280
	LEAD	UG/L	151	L 80	47	12400	10100	1770
	MERCURY	MG/L	1000	L 1000	-	99000	61000	18000
	NICKEL	UG/L	51	L 10	80	2860	2620	407
	SELENIUM	UG/L	L 2	L 2	-	J 10	10	L 2
	SILVER	UG/L	58	L 2	97	3300	2150	280
	ZINC	UG/L	866	135	84	52100	56200	7620
NON-CONV. METALS	ALUMINUM	UG/L	7330	426	94	486000	523000	68200
	BARIUM	UG/L	422	24	94	2630	807	594
	BORON	UG/L	672	364	46	312	1490	951
	CALCIUM	MG/L	79	59	25	1580	1550	250
	COBALT	UG/L	324	233	28	538	492	171
	IRON	UG/L	10400	549	95	711000	720000	92700
	MAGNESIUM	MG/L	26	20	23	296	521	75

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/28
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 51

SAMPLE DATE ENDING 79/11/28 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
NON-CONV. METALS	MANGANESE	UG/L	114	10	91	6620	7080	954
	MOLYBDENUM	UG/L	L 70	L 70	-	1250	1250	196
	SODIUM	MG/L	132	119	10	169	231	107
	TIN	UG/L	167	L 50	70	3100	3220	535
	TITANIUM	UG/L	113	10	91	3710	3890	706
	VANADIUM	UG/L	17	L 3	82	805	671	99
	YTTRIUM	UG/L	12	32	-	253	280	45

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/28
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 51

SAMPLE DATE ENDING 79/11/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
CONVENTIONALS	BOD	MG/L	330	6	98	10200	13400	3300
	TOTAL SUSP. SOLIDS	MG/L	308	10	97	49200	27800	2590
	COD	MG/L	574	88	85	46000	25000	5100
	OIL & GREASE	MG/L	50	8	84	5210	27	23
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	490	5	99	860	190	240
	TOTAL SOLIDS	MG/L	1170	685	41	53400	30300	3410
	TOTAL DISS. SOLIDS	MG/L	862	675	22	4200	2500	820
	TOTAL VOLATILE SOLIDS	MG/L	575	212	63	30300	21400	2120
	AMMONIA NITROGEN	MG/L	17	37	-	146	432	104
	TOC	MG/L	228	43	81	15800	13400	1830
VOLATILES	ACROLEIN	UG/L	L 100	L 100	-	NOT RUN	NOT RUN	160
	BENZENE	UG/L	4	L 10	-	NOT RUN	NOT RUN	12
	1,1,1-TRICHLOROETHANE	UG/L	7	L 10	-	NOT RUN	NOT RUN	L 10
	1,1-DICHLOROETHANE	UG/L	L 10	L 10	-	NOT RUN	NOT RUN	37
	CHLOROETHANE	UG/L	15	600	-	NOT RUN	NOT RUN	L 10
	CHLOROFORM	UG/L	15	6	60	NOT RUN	NOT RUN	L 10
	1,2-TRANS-DICHLOROETHYLENE	UG/L	6	L 10	-	NOT RUN	NOT RUN	L 10
	ETHYLBENZENE	UG/L	20	L 10	50	NOT RUN	NOT RUN	15
	METHYLENE CHLORIDE	UG/L	125	25	80	NOT RUN	NOT RUN	16
	TETRACHLOROETHYLENE	UG/L	110	L 10	91	NOT RUN	NOT RUN	L 10
	TOLUENE	UG/L	230	L 10	96	NOT RUN	NOT RUN	220
	TRICHLOROETHYLENE	UG/L	16	L 10	38	NOT RUN	NOT RUN	L 10
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	110	72	35	NOT RUN	NOT RUN	44
	BUTYL BENZYL PHTHALATE	UG/L	91	L 30	67	NOT RUN	NOT RUN	299
	DI-N-BUTYL PHTHALATE	UG/L	20	5	75	NOT RUN	NOT RUN	20
	DI-N-OCTYL PHTHALATE	UG/L	7	2	71	NOT RUN	NOT RUN	L 20
	DIETHYL PHTHALATE	UG/L	L 29	L 30	-	NOT RUN	NOT RUN	121
METALS	ANTIMONY	UG/L	L 1	L 1	-	54	32	L 1
	ARSENIC	UG/L	L 2	L 2	-	1050	320	8
	BERYLLIUM	UG/L	L 1	L 1	-	14	7	1
	CADMIUM	UG/L	L 2	L 2	-	298	L 80	38
	CHROMIUM	UG/L	109	11	90	12300	6240	1220
	COPPER	UG/L	207	12	94	34400	15100	2710
	CYANIDE	UG/L	L 20	L 20	-	50	L 20	L 20
	LEAD	UG/L	170	L 40	76	16000	6940	1520
	MERCURY	MG/L	2000	L 1000	50	130000	66000	11000
	NICKEL	UG/L	46	14	70	3780	1680	336
	SELENIUM	UG/L	L 2	L 2	-	J 10	10	L 2
	SILVER	UG/L	32	2	94	350	2000	150
	ZINC	UG/L	619	14	98	83600	35900	6230
NON-CONV. METALS	ALUMINUM	UG/L	3660	198	95	726000	296000	52700
	BARIUM	UG/L	245	15	94	3100	4060	1160
	BORON	UG/L	599	500	17	246	1650	223
	CALCIUM	MG/L	69	56	19	2140	930	217
	COBALT	UG/L	197	166	16	137	L 100	199

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/29
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 51

SAMPLE DATE ENDING 79/11/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
NON-CONV. METALS	IRON	UG/L	6670		474	93	1010000	424000	81700
	MAGNESIUM	MG/L	23		19	17	374	342	66
	MANGANESE	UG/L	84		20	76	7920	4500	806
	MOLYBDENUM	UG/L	36	L	35	3	1600	612	148
	SODIUM	MG/L	118		128	-	197	163	92
	TIN	UG/L	73		26	64	4510	2090	440
	TITANIUM	UG/L	25	L	2	92	4930	1690	412
	VANADIUM	UG/L	5	L	1	80	1020	396	81
	YTTRIUM	UG/L	75		16	79	331	161	64

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/29
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 51

SAMPLE DATE ENDING 79/11/30 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
CONVENTIONALS	BOD	MG/L	354	L 1	100	6300	3300	1380
	TOTAL SUSP. SOLIDS	MG/L	1250	9	99	52800	29700	1640
	COD	MG/L	1500	31	98	15000	20000	3000
	OIL & GREASE	MG/L	49	23	53	8290	397	23
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	66	7	89	500	74	190
	TOTAL SOLIDS	MG/L	2020	687	66	56500	31400	2840
	TOTAL DISS. SOLIDS	MG/L	770	678	12	3700	1700	1200
	TOTAL VOLATILE SOLIDS	MG/L	1130	161	86	30900	22100	1600
	AMMONIA NITROGEN	MG/L	20	29	-	94	100	56
	TOC	MG/L	416	44	89	70900	49600	1080
VOLATILES	ACROLEIN	UG/L	L 100	L 100	-	NOT RUN	NOT RUN	220
	BENZENE	UG/L	3	L 10	-	NOT RUN	NOT RUN	10
	1,1,1-TRICHLOROETHANE	UG/L	9	L 10	-	NOT RUN	NOT RUN	L 10
	CHLOROETHANE	UG/L	115	460	-	NOT RUN	NOT RUN	L 10
	CHLOROFORM	UG/L	11	8	27	NOT RUN	NOT RUN	L 10
	1,2-TRANS-DICHLOROETHYLENE	UG/L	5	L 10	-	NOT RUN	NOT RUN	L 10
	ETHYLBENZENE	UG/L	18	L 10	44	NOT RUN	NOT RUN	14
	METHYLENE CHLORIDE	UG/L	15	13	13	NOT RUN	NOT RUN	13
	TETRACHLOROETHYLENE	UG/L	13	L 10	23	NOT RUN	NOT RUN	L 10
	TOLUENE	UG/L	170	L 10	94	NOT RUN	NOT RUN	180
	TRICHLOROETHYLENE	UG/L	16	L 10	38	NOT RUN	NOT RUN	L 10
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	320	61	81	NOT RUN	NOT RUN	517
	DI-N-BUTYL PHTHALATE	UG/L	L 20	2	-	NOT RUN	NOT RUN	30
	DI-N-OCTYL PHTHALATE	UG/L	15	1	93	NOT RUN	NOT RUN	15
	DIMETHYL PHTHALATE	UG/L	L 20	L 30	-	NOT RUN	NOT RUN	101
METALS	ANTIMONY	UG/L	L 1	L 1	-	70	J 10	L 1
	ARSENIC	UG/L	4	L 2	50	1000	500	10
	BERYLLIUM	UG/L	L 1	L 1	-	15	7	L 1
	CADMIUM	UG/L	8	L 2	75	271	L 100	18
	CHROMIUM	UG/L	336	20	94	12200	6400	611
	COPPER	UG/L	723	9	99	33300	15400	1350
	CYANIDE	UG/L	L 20	30	-	240	320	25
	LEAD	UG/L	437	40	91	15500	6980	783
	MERCURY	NG/L	3000	L 1000	67	24000	62000	5000
	NICKEL	UG/L	110	16	85	3730	1660	176
	SELENIUM	UG/L	L 2	L 2	-	10	J 10	L 2
	SILVER	UG/L	80	2	97	700	2500	110
	THALLIUM	UG/L	1	L 1	-	J 25	J 25	L 1
	ZINC	UG/L	1740	50	97	79600	36900	3150
NON-CONV. METALS	ALUMINUM	UG/L	13600	252	98	688000	283000	23400
	BARIUM	UG/L	889	18	98	4180	3260	1530
	BORON	UG/L	721	1240	-	341	528	976
	CALCIUM	MG/L	101	57	44	2100	958	140
	COBALT	UG/L	L 50	L 50	-	158	L 100	L 50
	IRON	UG/L	23100	537	98	984000	430000	41400

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/30
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 51

SAMPLE DATE ENDING 79/11/30 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
NON-CONV. METALS	MAGNESIUM	MG/L	30		20	33	342	358	46
	MANGANESE	UG/L	227		22	90	7900	4560	406
	MOLYBDENUM	UG/L	41	L	35	15	1290	659	69
	SODIUM	MG/L	125		128	-	184	161	130
	TIN	UG/L	155		28	82	3180	2130	288
	TITANIUM	UG/L	137		6	96	3460	1680	206
	VANADIUM	UG/L	20	L	1	95	975	386	33
	YTTRIUM	UG/L	17		9	47	328	162	19

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/30
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 51

SAMPLE DATE ENDING 79/12/01 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
CONVENTIONALS	BOD	MG/L	193	7	96	4200	2100	1540
	TOTAL SUSP. SOLIDS	MG/L	284	21	93	55400	30100	1350
	COD	MG/L	560	84	85	63000	30000	3400
	OIL & GREASE	MG/L	23	9	61	6790	2720	33
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	81	L 4	95	570	480	140
	TOTAL SOLIDS	MG/L	1040	677	35	57500	32400	2600
	TOTAL DISS. SOLIDS	MG/L	756	656	13	2100	2300	1250
	TOTAL VOLATILE SOLIDS	MG/L	504	152	70	33500	22700	1520
	AMMONIA NITROGEN	MG/L	20	38	-	323	182	111
	TOC	MG/L	219	41	81	20100	12100	819
VOLATILES	ACROLEIN	UG/L	L 100	L 100	-	NOT RUN	NOT RUN	120
	BENZENE	UG/L	7	L 10	-	NOT RUN	NOT RUN	20
	CHLOROETHANE	UG/L	240	960	-	NOT RUN	NOT RUN	L 10
	CHLOROFORM	UG/L	21	6	71	NOT RUN	NOT RUN	5
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 10	-	NOT RUN	NOT RUN	L 10
	ETHYLBENZENE	UG/L	16	L 10	38	NOT RUN	NOT RUN	L 10
	METHYLENE CHLORIDE	UG/L	14	16	-	NOT RUN	NOT RUN	21
	TOLUENE	UG/L	160	L 10	94	NOT RUN	NOT RUN	330
	TRICHLOROETHYLENE	UG/L	7	L 10	-	NOT RUN	NOT RUN	L 10
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	143	226	-	NOT RUN	NOT RUN	567
	BUTYL BENZYL PHTHALATE	UG/L	L 20	2200	-	NOT RUN	NOT RUN	441
	DI-N-BUTYL PHTHALATE	UG/L	L 20	138	-	NOT RUN	NOT RUN	41
	DI-N-OCTYL PHTHALATE	UG/L	6	7	-	NOT RUN	NOT RUN	14
	DIETHYL PHTHALATE	UG/L	18	L 20	-	NOT RUN	NOT RUN	L 20
METALS	ANTIMONY	UG/L	1	L 1	-	260	J 10	L 1
	ARSENIC	UG/L	2	3	-	1400	600	4
	BERYLLIUM	UG/L	L 1	L 1	-	19	8	L 1
	CADMIUM	UG/L	L 2	L 2	-	333	L 100	L 4
	CHROMIUM	UG/L	104	17	84	14400	6750	435
	COPPER	UG/L	185	22	88	40300	16400	932
	CYANIDE	UG/L	30	L 20	33	40	490	20
	LEAD	UG/L	108	43	60	17000	7780	603
	MERCURY	NG/L	1000	L 1000	-	43000	49000	3000
	NICKEL	UG/L	24	7	71	4500	1800	128
	SELENIUM	UG/L	2	L 2	-	I 25	I 10	L 2
	SILVER	UG/L	30	2	93	350	2250	110
	THALLIUM	UG/L	1	L 1	-	J 25	J 25	L 1
	ZINC	UG/L	448	108	76	95100	39500	2360
NON-CONV. METALS	ALUMINUM	UG/L	3710	236	94	903000	330000	22000
	BARIUM	UG/L	247	18	93	5200	6600	1130
	BORON	UG/L	630	124	80	368	1340	730
	CALCIUM	MG/L	67	60	10	2070	1060	118
	COBALT	UG/L	L 50	83	-	617	253	102
	IRON	UG/L	6040	628	90	1250000	468000	28300
	MAGNESIUM	MG/L	22	20	9	398	355	39

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/01
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 51

SAMPLE DATE ENDING 79/12/01 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
NON-CONV. METALS	MANGANESE	UG/L	91	45	51	9670	4960	317
	MOLYBDENUM	UG/L	155	215	-	2080	754	98
	SODIUM	MG/L	94	110	-	166	144	107
	TIN	UG/L	45	28	38	5220	2430	129
	TITANIUM	UG/L	41	3	93	7120	1970	221
	VANADIUM	UG/L	L 1	2	-	1200	429	31
	YTTRIUM	UG/L	L 3	L 3	-	346	192	16

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/01
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 51

SAMPLE DATE ENDING 79/12/02 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
CONVENTIONALS	BOD	MG/L	180	2	99	9750	1200	1800
	TOTAL SUSP. SOLIDS	MG/L	370	8	98	53800	29100	2470
	COD	MG/L	420	80	81	52000	28000	3200
	OIL & GREASE	MG/L	37	L 5	86	587	57	35
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	85	L 4	95	370	140	160
	TOTAL SOLIDS	MG/L	1140	612	46	56400	30400	3790
	TOTAL DISS. SOLIDS	MG/L	770	604	22	2600	1300	1320
	TOTAL VOLATILE SOLIDS	MG/L	603	164	73	33500	21178	2230
	AMMONIA NITROGEN	MG/L	31	31	-	204	444	126
	TOC	MG/L	227	44	81	21300	12200	1210
VOLATILES	ACROLEIN	UG/L	L 100	L 100	-	NOT RUN	NOT RUN	320
	BENZENE	UG/L	12	L 10	17	NOT RUN	NOT RUN	17
	1,1,1-TRICHLOROETHANE	UG/L	6	L 10	-	NOT RUN	NOT RUN	L 10
	CHLOROETHANE	UG/L	1600	600	63	NOT RUN	NOT RUN	950
	CHLOROFORM	UG/L	30	17	43	NOT RUN	NOT RUN	5
	1,2-TRANS-DICHLOROETHYLENE	UG/L	7	L 10	-	NOT RUN	NOT RUN	3
	ETHYLBENZENE	UG/L	30	L 10	67	NOT RUN	NOT RUN	51
	METHYLENE CHLORIDE	UG/L	25	18	28	NOT RUN	NOT RUN	14
	TETRACHLOROETHYLENE	UG/L	7	L 10	-	NOT RUN	NOT RUN	L 10
	TOLUENE	UG/L	290	L 10	97	NOT RUN	NOT RUN	720
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	1610	295	82	NOT RUN	NOT RUN	1140
	BUTYL BENZYL PHTHALATE	UG/L	95	L 20	79	NOT RUN	NOT RUN	L 20
	DI-N-BUTYL PHTHALATE	UG/L	L 20	L 20	-	NOT RUN	NOT RUN	18
	DI-N-OCTYL PHTHALATE	UG/L	90	11	88	NOT RUN	NOT RUN	34
	DIETHYL PHTHALATE	UG/L	14	L 20	-	NOT RUN	NOT RUN	L 20
	DIMETHYL PHTHALATE	UG/L	L 20	L 20	-	NOT RUN	NOT RUN	107
METALS	ANTIMONY	UG/L	L 1	L 1	-	100 J	10	L 1
	ARSENIC	UG/L	L 2	L 2	-	1380	540	28
	BERYLLIUM	UG/L	L 1	L 1	-	18	8	L 1
	CADMIUM	UG/L	L 2	L 2	-	262	L 100	22
	CHROMIUM	UG/L	101	10	90	13800	6480	950
	COPPER	UG/L	225	13	94	40400	15900	2130
	CYANIDE	UG/L	L 20	L 20	-	L 20	330	60
	LEAD	UG/L	116	L 40	66	17600	7520	1220
	MERCURY	MG/L	2000	L 1000	50	77000	71000	6000
	NICKEL	UG/L	16	L 5	69	4470	1690	268
	SILVER	UG/L	31	2	94	4500	2380	180
	ZINC	UG/L	510	50	90	94300	37300	5130
NON-CONV. METALS	ALUMINUM	UG/L	4800	133	97	863000	309000	49300
	BARIUM	UG/L	247	15	94	10100	6970	1990
	BORON	UG/L	355	89	75	2100	143	320
	CALCIUM	MG/L	71	55	23	1920	997	189
	COBALT	UG/L	L 50	L 50	-	520	274	116
	IRON	UG/L	6580	414	94	1110000	447000	65000
	MAGNESIUM	MG/L	24	18	25	381	344	58

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/02
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 51

SAMPLE DATE ENDING 79/12/02 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
NON-CONV. METALS	MANGANESE	UG/L	100		35	65	9090	4700	668
	MOLYBDENUM	UG/L	190		175	8	1660	729	105
	SODIUM	MG/L	43		88	-	151	124	118
	TIN	UG/L	49	L	25	49	4120	2420	396
	TITANIUM	UG/L	53	L	2	96	5390	1970	444
	VANADIUM	UG/L	6	L	1	83	1100	397	66
	YTTRIUM	UG/L	5	L	3	40	339	180	29

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/02
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 51

SAMPLE DATE ENDING 79/12/03 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
CONVENTIONALS	BOD	MG/L	285	2	99	9900	6750	1290
	TOTAL SUSP. SOLIDS	MG/L	494	L 5	99	44800	23900	2500
	COD	MG/L	750	55	93	41000	22000	5200
	OIL & GREASE	MG/L	24	9	63	8670	2210	30
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	78	L 4	95	420	160	180
	TOTAL SOLIDS	MG/L	1250	615	51	47449	25700	3550
	TOTAL DISS. SOLIDS	MG/L	756	608	20	2800	1800	1050
	TOTAL VOLATILE SOLIDS	MG/L	675	160	76	26830	17800	2230
	AMMONIA NITROGEN	MG/L	14	27	-	101	103	95
	TOC	MG/L	251	42	83	14200	9330	1330
VOLATILES	ACROLEIN	UG/L	L 100	L 100	-	NOT RUN	NOT RUN	73
	BENZENE	UG/L	9	L 10	-	NOT RUN	NOT RUN	25
	1,1,1-TRICHLOROETHANE	UG/L	4	L 10	-	NOT RUN	NOT RUN	L 10
	CHLOROETHANE	UG/L	410	750	-	NOT RUN	NOT RUN	850
	CHLOROFORM	UG/L	18	17	6	NOT RUN	NOT RUN	L 10
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 10	-	NOT RUN	NOT RUN	13
	ETHYLBENZENE	UG/L	43	L 10	77	NOT RUN	NOT RUN	51
	METHYLENE CHLORIDE	UG/L	23	16	30	NOT RUN	NOT RUN	18
	TETRACHLOROETHYLENE	UG/L	3	L 10	-	NOT RUN	NOT RUN	L 10
	TOLUENE	UG/L	490	L 10	98	NOT RUN	NOT RUN	720
ACID EXTRACT	2-CHLOROPHENOL	UG/L	L 80	L 60	-	NOT RUN	NOT RUN	100
	PHENOL	UG/L	L 90	L 80	-	NOT RUN	NOT RUN	94
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	218	86	61	NOT RUN	NOT RUN	168
	DI-N-BUTYL PHTHALATE	UG/L	43	3	93	NOT RUN	NOT RUN	168
	DI-N-OCTYL PHTHALATE	UG/L	L 20	4	-	NOT RUN	NOT RUN	L 30
	DIETHYL PHTHALATE	UG/L	24	11	54	NOT RUN	NOT RUN	L 30
	DIMETHYL PHTHALATE	UG/L	L 20	L 30	-	NOT RUN	NOT RUN	196
METALS	ANTIMONY	UG/L	L 1	L 1	-	100	10	J 1
	ARSENIC	UG/L	2	L 2	-	1100	360	6
	BERYLLIUM	UG/L	L 1	L 1	-	14	4	L 1
	CADMIUM	UG/L	L 2	L 2	-	L 100	155	9
	CHROMIUM	UG/L	122	17	86	10600	5160	426
	COPPER	UG/L	276	19	93	23400	12300	903
	CYANIDE	UG/L	L 20	L 20	-	L 20	190	L 20
	LEAD	UG/L	184	L 40	78	11500	5640	549
	MERCURY	NG/L	1000	L 1000	-	60000	51000	4000
	NICKEL	UG/L	29	L 5	83	3050	1300	118
	SILVER	UG/L	36	2	94	3500	2000	65
	ZINC	UG/L	653	439	33	61000	29300	2250
NON-CONV. METALS	ALUMINUM	UG/L	6140	183	97	603000	243000	20700
	BARIUM	UG/L	320	15	95	15600	4870	1100
	BORON	UG/L	387	183	53	268	419	1080
	CALCIUM	MG/L	75	57	24	1550	813	111
	COBALT	UG/L	65	79	-	356	236	L 100

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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 51

SAMPLE DATE ENDING 79/12/03 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE	COMBINED SOURCES
NON-CONV. METALS	IRON	UG/L	8240	363	96	867000	342000	27400
	MAGNESIUM	MG/L	25	19	24	332	296	43
	MANGANESE	UG/L	126	34	73	7990	3840	315
	MOLYBDENUM	UG/L	213	223	-	1410	571	L 70
	SODIUM	MG/L	91	96	-	142	120	105
	TIN	UG/L	47	L 25	47	3360	1930	260
	TITANIUM	UG/L	71	2	97	5200	1610	224
	VANADIUM	UG/L	9	2	78	806	303	28
	YTTRIUM	UG/L	6	L 3	50	232	141	15

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DAILY ANALYTICAL RESULTS

PLANT 52

SAMPLE DATE ENDING 79/12/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE
CONVENTIONALS	BOD	MG/L	173	60	65	NOT RUN	2400
	TOTAL SUSP. SOLIDS	MG/L	85	21	75	400	28300
	COD	MG/L	253	97	62	12000	18000
	OIL & GREASE	MG/L	31	L 5	84	30	3690
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	2000	81	96	250000	2100
	TOTAL SOLIDS	MG/L	436	276	37	7110	29500
	TOTAL DISS. SOLIDS	MG/L	351	255	27	6710	1200
	TOTAL VOLATILE SOLIDS	MG/L	202	105	48	6087	15600
	VOLATILE DISS. SOLIDS	MG/L	NOT RUN	NOT RUN	-	284	NOT RUN
	AMMONIA NITROGEN	MG/L	16	7	56	NOT RUN	45
	TOC	MG/L	85	56	34	NOT RUN	8000
VOLATILES	BENZENE	UG/L	L 10	L 10	-	L 10	186
	CHLOROBENZENE	UG/L	1	L 10	-	L 10	84
	1,1-DICHLOROETHANE	UG/L	L 10	L 10	-	L 10	7
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 10	L 10	-	L 10	27
	ETHYLBENZENE	UG/L	L 10	L 10	-	70	30
	METHYLENE CHLORIDE	UG/L	18	L 10	44	25	50
	TRICHLOROFLUOROMETHANE	UG/L	L 10	L 10	-	L 10	8
	TETRACHLOROETHYLENE	UG/L	6	L 10	-	L 10	50
	TOLUENE	UG/L	12	3	75	200	63
	TRICHLOROETHYLENE	UG/L	L 10	L 10	-	L 10	3
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	12	L 50	-	280	N-D
	2,4-DIMETHYLPHENOL	UG/L	13	L 50	-	6900	N-D
	2-NITROPHENOL	UG/L	L 50	L 50	-	430	N-D
	2,4-DINITROPHENOL	UG/L	35	L 50	-	L 125	N-D
	PENTACHLOROPHENOL	UG/L	L 50	L 50	-	2800	N-D
	PHENOL	UG/L	290	L 60	79	6600	N-D
BASE-NEUTRALS	ACENAPHTHENE	UG/L	46	10	78	2500	4900
	1,3-DICHLOROBENZENE	UG/L	L 20	L 20	-	L 20	4100
	1,4-DICHLOROBENZENE	UG/L	L 20	L 20	-	L 20	3300
	2,4-DINITROTOLUENE	UG/L	L 20	7	-	L 20	N-D
	FLUORANTHENE	UG/L	57	17	70	1700	14000
	BIS(2-CHLOROETHYOXY) METHANE	UG/L	10	L 20	-	L 20	N-D
	NAPHTHALENE	UG/L	11	L 20	-	2700	3700
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	L 20	20	-	L 20	2600
	BUTYL BENZYL PHTHALATE	UG/L	L 20	L 20	-	L 20	350
	DI-N-BUTYL PHTHALATE	UG/L	12	46	-	L 20	N-D
	DI-N-OCTYL PHTHALATE	UG/L	20	L 20	-	L 20	N-D
	DIETHYL PHTHALATE	UG/L	5	2	60	L 20	N-D
	1,2-BENZANTHRACENE	UG/L	16	L 10	38	2100	7200
	3,4-BENZOFLUORANTHENE	UG/L	L 10	L 10	-	710	N-D
	11,12-BENZOFLUORANTHENE	UG/L	L 10	L 10	-	710	2300
	CHRYSENE	UG/L	8	L 10	-	L 10	7200
	ANTHRACENE	UG/L	424	L 20	95	4100	16000
	1,12-BENZOPERYLENE	UG/L	L 10	L 10	-	68	N-D
	FLUORENE	UG/L	53	L 20	62	1300	6300

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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 52

SAMPLE DATE ENDING 79/12/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE
BASE-NEUTRALS	PHENANTHRENE	UG/L	369	L 20	95	L 20	16000
	1,2:5,6-DIBENZANTHRACENE	UG/L	L 10	L 10	-	120	N-D
	PYRENE	UG/L	19	4	79	L 10	10300
METALS	ARSENIC	UG/L	L 2	L 2	-	21	425
	BERYLLIUM	UG/L	L 1	L 1	-	1	7
	CADMIUM	UG/L	L 2	L 2	-	5	114
	CHROMIUM	UG/L	L 1	L 1	-	33	862
	COPPER	UG/L	18	L 2	89	60	4470
	LEAD	UG/L	L 40	L 40	-	95	3910
	MERCURY	NG/L	L 1000	L 1000	-	2000	39000
	NICKEL	UG/L	L 5	L 5	-	805	482
	SELENIUM	UG/L	L 2	3	-	L 5	50
	SILVER	UG/L	2	2	-	18	375
	ZINC	UG/L	104	37	64	73	17700
NON-CONV. METALS	ALUMINUM	UG/L	1270	392	69	656	362000
	BARIUM	UG/L	83	14	83	245	2900
	BORON	UG/L	314	182	42	375	L 4
	CALCIUM	MG/L	9	6	33	437	270
	COBALT	UG/L	L 50	L 50	-	20	L 100
	IRON	UG/L	890	478	46	3854	233000
	MAGNESIUM	MG/L	1	1	-	7	39
	MANGANESE	UG/L	40	31	22	464	2380
	MOLYBDENUM	UG/L	L 35	L 35	-	27	368
	SODIUM	MG/L	84	63	25	75	100
	TIN	UG/L	L 25	L 25	-	81	2010
	TITANIUM	UG/L	L 2	L 2	-	22	1640
	VANADIUM	UG/L	L 1	L 1	-	85	364
	YTTRIUM	UG/L	L 3	L 3	-	55	96

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DAILY ANALYTICAL RESULTS

PLANT 52

SAMPLE DATE ENDING 79/12/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE
CONVENTIONALS	BOD	MG/L	132	41	69	1370	7920
	TOTAL SUSP. SOLIDS	MG/L	60	20	67	324	42500
	COD	MG/L	130	74	43	7900	36000
	OIL & GREASE	MG/L	42	L 5	88	9	4150
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	2000	38	98	290000	2100
	TOTAL SOLIDS	MG/L	407	288	29	6977	69200
	TOTAL DISS. SOLIDS	MG/L	347	268	23	6653	26700
	TOTAL VOLATILE SOLIDS	MG/L	187	107	43	5896	25100
	VOLATILE DISS. SOLIDS	MG/L	NOT RUN	NOT RUN	-	228	NOT RUN
	AMMONIA NITROGEN	MG/L	18	7	61	NOT RUN	48
	TOC	MG/L	74	63	15	NOT RUN	12801
VOLATILES	BENZENE	UG/L	L 10	L 10	-	370	4
	CHLOROBENZENE	UG/L	1	L 10	-	L 10	69
	CHLOROFORM	UG/L	7	L 10	-	L 10	N-D
	ETHYLBENZENE	UG/L	L 10	L 10	-	42	15
	METHYLENE CHLORIDE	UG/L	L 10	L 10	-	47	N-D
	TRICHLOROFLUOROMETHANE	UG/L	L 10	L 10	-	L 10	3
	TETRACHLOROETHYLENE	UG/L	6	L 10	-	L 10	82
	TOLUENE	UG/L	24	L 10	58	260	56
	TRICHLOROETHYLENE	UG/L	L 10	L 10	-	L 10	2
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	10	L 50	-	220	N-D
	2,4-DIMETHYLPHENOL	UG/L	56	L 50	11	1000	N-D
	PENTACHLOROPHENOL	UG/L	8	L 50	-	1900	N-D
	PHENOL	UG/L	700	L 60	91	4300	N-D
BASE-NEUTRALS	ACENAPHTHENE	UG/L	24	6	75	42000	12000
	1,3-DICHLOROBENZENE	UG/L	L 20	L 20	-	L 50	1700
	1,4-DICHLOROBENZENE	UG/L	L 20	L 20	-	L 50	1600
	FLUORANTHENE	UG/L	21	16	24	29000	37000
	BIS(2-CHLOROETHYOXY) METHANE	UG/L	11	L 20	-	L 50	N-D
	NAPHTHALENE	UG/L	L 20	L 20	-	51000	8100
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	2	33	-	L 50	7900
	DI-N-BUTYL PHTHALATE	UG/L	2	4	-	L 50	N-D
	DIETHYL PHTHALATE	UG/L	1	2	-	L 50	N-D
	1,2-BENZANTHRACENE	UG/L	2	L 10	-	L 25	15000
	3,4-BENZOFLUORANTHENE	UG/L	L 10	L 10	-	8100	N-D
	11,12-BENZOFLUORANTHENE	UG/L	L 10	L 10	-	8100	6200
	CHRYSENE	UG/L	4	L 10	-	13000	15000
	ACENAPHTHYLENE	UG/L	1	L 20	-	L 50	N-D
	ANTHRACENE	UG/L	153	L 20	87	64000	35000
	1,12-BENZOPERYLENE	UG/L	L 10	L 10	-	1300	N-D
	FLUORENE	UG/L	23	L 20	13	1700	1300
	PHENANTHRENE	UG/L	133	L 20	85	64000	35000
	1,2:5,6-DIBENZANTHRACENE	UG/L	L 10	L 10	-	2200	N-D
	INDENO(1,2,3-C,D) PYRENE	UG/L	L 10	L 10	-	6200	N-D
	PYRENE	UG/L	9	5	44	L 25	33000

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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 52

SAMPLE DATE ENDING 79/12/12 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL		OTHER INFLUENT		PRIMARY SLUDGE
METALS	ANTIMONY	UG/L	L	1		1	-	L	5		50
	ARSENIC	UG/L	L	2	L	2	-		30		500
	BERYLLIUM	UG/L	L	1	L	1	-		1		13
	CADMIUM	UG/L	L	2	L	2	-		2	L	80
	CHROMIUM	UG/L	L	1	L	1	-		25		1570
	COPPER	UG/L		15		12	20		54		9340
	LEAD	UG/L	L	40	L	40	-		74		7760
	MERCURY	NG/L	L	1000	L	1000	-		1000		158000
	NICKEL	UG/L	L	5	L	5	-		780		814
	SELENIUM	UG/L	L	2	L	2	-	L	5		50
	SILVER	UG/L		2		1	50		13		700
	ZINC	UG/L		74		36	51		50		32900
NON-CONV. METALS	ALUMINUM	UG/L		1070		311	71		469		766000
	BARIUM	UG/L		78		14	82		223		2400
	BORON	UG/L		342		284	17		330	L	80
	CALCIUM	MG/L		8		6	25		467		417
	COBALT	UG/L	L	50	L	50	-		5		102
	IRON	UG/L		762		416	45		3451		450000
	MAGNESIUM	MG/L		1		1	-		6		65
	MANGANESE	UG/L		36		32	11		360		3890
	MOLYBDENUM	UG/L	L	35	L	35	-		14		799
	SODIUM	MG/L		80		67	16		85		115
	TIN	UG/L	L	25	L	25	-		70		4010
	TITANIUM	UG/L	L	2	L	2	-		16		1510
	VANADIUM	UG/L	L	1	L	1	-		71		746
	YTTRIUM	UG/L	L	3	L	3	-		49		185

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N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 52

SAMPLE DATE ENDING 79/12/13 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE
CONVENTIONALS	BOD	MG/L		233		27	88	NOT RUN	7740
	TOTAL SUSP. SOLIDS	MG/L		75		20	73	NOT RUN	41500
	COD	MG/L		280		89	68	NOT RUN	39000
	OIL & GREASE	MG/L		29	L	5	83	NOT RUN	6530
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L		1600		34	98	NOT RUN	1700
	TOTAL SOLIDS	MG/L		531		297	44	NOT RUN	70400
	TOTAL DISS. SOLIDS	MG/L		460		277	40	NOT RUN	28900
	TOTAL VOLATILE SOLIDS	MG/L		146		117	20	NOT RUN	26300
	AMMONIA NITROGEN	MG/L		13		8	38	NOT RUN	170
	TOC	MG/L		121		58	52	NOT RUN	9120
VOLATILES	BENZENE	UG/L	L	10		10	-	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L		4	L	10	-	NOT RUN	NOT RUN
	TOLUENE	UG/L		12		1	92	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	L	10		2	-	NOT RUN	NOT RUN
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L		4	L	50	-	NOT RUN	NOT RUN
	2,4-DIMETHYLPHENOL	UG/L		3	L	50	-	NOT RUN	NOT RUN
	PHENOL	UG/L		255	L	50	80	NOT RUN	NOT RUN
BASE-NEUTRALS	ACENAPHTHENE	UG/L		36		1	97	NOT RUN	NOT RUN
	1,2-DICHLOROBENZENE	UG/L		1	L	20	-	NOT RUN	NOT RUN
	FLUORANTHENE	UG/L		29		7	76	NOT RUN	NOT RUN
	BIS(2-CHLOROETHYOXY) METHANE	UG/L		35	L	20	43	NOT RUN	NOT RUN
	ISOPHORONE	UG/L		2	L	20	-	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L		8		1	88	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L		73		4	95	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L		3		1	67	NOT RUN	NOT RUN
	1,2-BENZANTHRACENE	UG/L		7	L	10	-	NOT RUN	NOT RUN
	CHRYSENE	UG/L		2	L	10	-	NOT RUN	NOT RUN
	ANTHRACENE	UG/L		232	L	20	91	NOT RUN	NOT RUN
	FLUORENE	UG/L		36	L	20	44	NOT RUN	NOT RUN
	PHENANTHRENE	UG/L		201	L	20	90	NOT RUN	NOT RUN
	PYRENE	UG/L		14		2	86	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	L	1 A	L	1	-	NOT RUN	10
	ARSENIC	UG/L		2		2	-	NOT RUN	600
	BERYLLIUM	UG/L	L	1	L	1	-	NOT RUN	11
	CHROMIUM	UG/L		4		4	-	NOT RUN	1180
	COPPER	UG/L		29		6	79	NOT RUN	6770
	LEAD	UG/L	L	40	L	40	-	NOT RUN	6580
	MERCURY	NG/L		2000	L	1000	50	NOT RUN	94000
	NICKEL	UG/L		14		18	-	NOT RUN	650
	SELENIUM	UG/L	L	2	L	2	-	NOT RUN	25
	SILVER	UG/L		2		2	-	NOT RUN	700
	THALLIUM	UG/L		1	L	1	-	NOT RUN	251
	ZINC	UG/L		125		149	-	NOT RUN	30000
NON-CONV. METALS	ALUMINUM	UG/L		1650		280	83	NOT RUN	522000

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/13

[illegible] THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 52

SAMPLE DATE ENDING 79/12/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE
NON-CONV. METALS	BARIUM	UG/L	138	15	89	NOT RUN	3120
	BORON	UG/L	162	128	21	NOT RUN L	80
	CALCIUM	MG/L	9	6	33	NOT RUN	417
	IRON	UG/L	1430	552	61	NOT RUN	376000
	MAGNESIUM	MG/L	1	1	-	NOT RUN	55
	MANGANESE	UG/L	43	33	23	NOT RUN	3630
	MOLYBDENUM	UG/L L	35	L 35	-	NOT RUN	359
	SODIUM	MG/L	86	69	20	NOT RUN	115
	TIN	UG/L	39	L 25	36	NOT RUN	3140
	TITANIUM	UG/L	7	L 2	71	NOT RUN	609
	VANADIUM	UG/L L	1	L 1	-	NOT RUN	516
	YTTRIUM	UG/L L	3	L 3	-	NOT RUN	130

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/13
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 52

SAMPLE DATE ENDING 79/12/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE
CONVENTIONALS	BOD	MG/L	58	35	40	NOT RUN	6120
	TOTAL SUSP. SOLIDS	MG/L	85	27	68	NOT RUN	114000
	COD	MG/L	97	90	7	NOT RUN	61000
	OIL & GREASE	MG/L	27	L 5	81	NOT RUN	1880
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1200	45	96	NOT RUN	2000
	TOTAL SOLIDS	MG/L	340	285	16	NOT RUN	126000
	TOTAL DISS. SOLIDS	MG/L	255	258	-	NOT RUN	12000
	TOTAL VOLATILE SOLIDS	MG/L	111	117	-	NOT RUN	38800
	AMMONIA NITROGEN	MG/L	6	8	-	NOT RUN	34
	TOC	MG/L	70	57	19	NOT RUN	20700
VOLATILES	BENZENE	UG/L	7	L 10	-	NOT RUN	NOT RUN
	CHLOROBENZENE	UG/L	L 10	2	-	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	2	1	50	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	16	L 10	38	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	7	L 10	-	NOT RUN	NOT RUN
	TOLUENE	UG/L	12	3	75	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	3	2	33	NOT RUN	NOT RUN
ACID EXTRACT	PHENOL	UG/L	30	L 50	-	NOT RUN	NOT RUN
BASE-NEUTRALS	ACENAPHTHENE	UG/L	16	8	50	NOT RUN	NOT RUN
	FLUORANTHENE	UG/L	12	17	-	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	3	12	-	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	44	L 20	55	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	2	1	50	NOT RUN	NOT RUN
	ANTHRACENE	UG/L	93	L 20	78	NOT RUN	NOT RUN
	FLUORENE	UG/L	15	L 20	-	NOT RUN	NOT RUN
	PHENANTHRENE	UG/L	81	L 20	75	NOT RUN	NOT RUN
	PYRENE	UG/L	3	6	-	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	L 1	L 1	-	NOT RUN	20
	ARSENIC	UG/L	2	L 2	-	NOT RUN	850
	BERYLLIUM	UG/L	L 1	L 1	-	NOT RUN	14
	CHROMIUM	UG/L	4	L 1	75	NOT RUN	1420
	COPPER	UG/L	32	16	50	NOT RUN	6200
	CYANIDE	UG/L	L 20	L 20	-	NOT RUN	190
	LEAD	UG/L	L 40	L 40	-	NOT RUN	5170
	MERCURY	NG/L	3000	L 1000	67	NOT RUN	78000
	NICKEL	UG/L	9	9	-	NOT RUN	877
	SELENIUM	UG/L	L 2	L 2	-	NOT RUN	2
	SILVER	UG/L	2	33	-	NOT RUN	500
	THALLIUM	UG/L	L 1	1	-	NOT RUN	L 25
	ZINC	UG/L	102	26	75	NOT RUN	32000
NON-CONV. METALS	ALUMINUM	UG/L	3260	339	90	NOT RUN	646000
	BARIUM	UG/L	115	17	85	NOT RUN	22700
	CALCIUM	MG/L	7	6	14	NOT RUN	663
	COBALT	UG/L	50	L 50	-	NOT RUN	121

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 52

SAMPLE DATE ENDING 79/12/14 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE
NON-CONV. METALS	IRON	UG/L		2520		609	76	NOT RUN	585000
	MAGNESIUM	MG/L		1		1	-	NOT RUN	64
	MANGANESE	UG/L		42		32	24	NOT RUN	4940
	MOLYBDENUM	UG/L	L	35	L	35	-	NOT RUN	242
	SODIUM	MG/L		32		56	-	NOT RUN	59
	TIN	UG/L	L	25	L	25	-	NOT RUN	1850
	TITANIUM	UG/L		24	L	2	92	NOT RUN	997
	VANADIUM	UG/L		2	L	1	50	NOT RUN	681
	YTTRIUM	UG/L	L	3	L	3	-	NOT RUN	180

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 52

SAMPLE DATE ENDING 79/12/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE
CONVENTIONALS	BOD	MG/L	128	39	70	NOT RUN	6120
	TOTAL SUSP. SOLIDS	MG/L	81	23	72	NOT RUN	65700
	COD	MG/L	140	58	59	NOT RUN	9200
	OIL & GREASE	MG/L	14	L 5	64	NOT RUN	3553
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1200	50	96	NOT RUN	1900
	TOTAL SOLIDS	MG/L	283	233	18	NOT RUN	73200
	TOTAL DISS. SOLIDS	MG/L	202	210	-	NOT RUN	7500
	TOTAL VOLATILE SOLIDS	MG/L	136	101	26	NOT RUN	21306
	AMMONIA NITROGEN	MG/L	7	7	-	NOT RUN	23
	TOC	MG/L	67	49	27	NOT RUN	10700
VOLATILES	BENZENE	UG/L	3	L 10	-	NOT RUN	NOT RUN
	CHLOROBENZENE	UG/L	1	L 10	-	NOT RUN	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	4	L 10	-	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	3	L 10	-	NOT RUN	NOT RUN
	TOLUENE	UG/L	5	4	20	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	2	L 10	-	NOT RUN	NOT RUN
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	24	1	96	NOT RUN	NOT RUN
	PHENOL	UG/L	233	1	100	NOT RUN	NOT RUN
BASE-NEUTRALS	ACENAPHTHENE	UG/L	65	7	89	NOT RUN	NOT RUN
	2,4-DINITROTOLUENE	UG/L	18	L 20	-	NOT RUN	NOT RUN
	FLUORANTHENE	UG/L	50	10	80	NOT RUN	NOT RUN
	BIS(2-CHLOROETHYOXY) METHANE	UG/L	14	L 20	-	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	2	L 20	-	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	88	37	58	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	1	L 20	-	NOT RUN	NOT RUN
	1,2-BENZANTHRACENE	UG/L	10	L 10	-	NOT RUN	NOT RUN
	CHRYSENE	UG/L	4	L 10	-	NOT RUN	NOT RUN
	ANTHRACENE	UG/L	412	L 20	95	NOT RUN	NOT RUN
	FLUORENE	UG/L	62	L 20	68	NOT RUN	NOT RUN
	PHENANTHRENE	UG/L	358	L 20	94	NOT RUN	NOT RUN
	PYRENE	UG/L	25	5	80	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	L 1	L 1	-	NOT RUN	10
	ARSENIC	UG/L	L 2	2	-	NOT RUN	700
	BERYLLIUM	UG/L	L 1	L 1	-	NOT RUN	12
	CHROMIUM	UG/L	L 1	L 1	-	NOT RUN	1660
	COPPER	UG/L	21	17	19	NOT RUN	9310
	CYANIDE	UG/L	L 20	L 20	-	NOT RUN	180
	LEAD	UG/L	L 40	L 40	-	NOT RUN	8120
	MERCURY	NG/L	1000	L 1000	-	NOT RUN	422000
	NICKEL	UG/L	6	13	-	NOT RUN	857
	SELENIUM	UG/L	2	L 2	-	NOT RUN	J 25
	SILVER	UG/L	1	2	-	NOT RUN	700
	THALLIUM	UG/L	1	L 1	-	NOT RUN	25
	ZINC	UG/L	62	26	58	NOT RUN	34500

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 52

SAMPLE DATE ENDING 79/12/15 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT		PRIMARY SLUDGE
NON-CONV. METALS	ALUMINUM	UG/L		1740		766	56	NOT RUN		647000
	BARIUM	UG/L		46		20	57	NOT RUN		3920
	BORON	UG/L	L	2		53	-	NOT RUN	L	80
	CALCIUM	MG/L		9		6	33	NOT RUN		483
	COBALT	UG/L	L	50		55	-	NOT RUN		232
	IRON	UG/L		1460		866	41	NOT RUN		501000
	MAGNESIUM	MG/L		1		1	-	NOT RUN		72
	MANGANESE	UG/L		45		37	18	NOT RUN		4040
	MOLYBDENUM	UG/L	L	35	L	35	-	NOT RUN		493
	SODIUM	MG/L		4		47	-	NOT RUN		71
	TIN	UG/L	L	25	L	25	-	NOT RUN		3640
	TITANIUM	UG/L		6		4	33	NOT RUN		855
	VANADIUM	UG/L	L	1	L	1	-	NOT RUN		744
	YTTRIUM	UG/L	L	3	L	3	-	NOT RUN		192

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 52

SAMPLE DATE ENDING 79/12/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE
CONVENTIONALS	BOD	MG/L	147		55	63	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	124		27	78	NOT RUN	NOT RUN
	COD	MG/L	280		68	76	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	15	L	5	67	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	450		75	83	NOT RUN	NOT RUN
	TOTAL SOLIDS	MG/L	327		240	27	NOT RUN	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	206		213	-	NOT RUN	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	134		97	28	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	11		5	55	NOT RUN	NOT RUN
	TOC	MG/L	75		54	28	NOT RUN	NOT RUN
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	1	L	10	-	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	3	L	10	-	NOT RUN	NOT RUN
	TOLUENE	UG/L	2		5	-	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	2	L	10	-	NOT RUN	NOT RUN
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	8	L	50	-	NOT RUN	NOT RUN
	PHENOL	UG/L	52	L	60	-	NOT RUN	NOT RUN
BASE-NEUTRALS	ACENAPHTHENE	UG/L	6		25	-	NOT RUN	NOT RUN
	FLUORANTHENE	UG/L	5		33	-	NOT RUN	NOT RUN
	NAPHTHALENE	UG/L	13	L	20	-	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	1		2	-	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	10		8	20	NOT RUN	NOT RUN
	ANTHRACENE	UG/L	38		4	89	NOT RUN	NOT RUN
	FLUORENE	UG/L	6		3	50	NOT RUN	NOT RUN
	PHENANTHRENE	UG/L	33		4	88	NOT RUN	NOT RUN
	PYRENE	UG/L	2		11	-	NOT RUN	NOT RUN
METALS	ARSENIC	UG/L	L 2		2	-	NOT RUN	NOT RUN
	COPPER	UG/L	25		18	28	NOT RUN	NOT RUN
	MERCURY	MG/L	1000	L	1000	-	NOT RUN	NOT RUN
	NICKEL	UG/L	20		21	-	NOT RUN	NOT RUN
	SELENIUM	UG/L	2	L	2	-	NOT RUN	NOT RUN
	SILVER	UG/L	2		4	-	NOT RUN	NOT RUN
	ZINC	UG/L	64		30	53	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1770		656	63	NOT RUN	NOT RUN
	BARIUM	UG/L	55		21	62	NOT RUN	NOT RUN
	BORON	UG/L	L 2		49	-	NOT RUN	NOT RUN
	CALCIUM	MG/L	6		6	-	NOT RUN	NOT RUN
	COBALT	UG/L	L 50		68	-	NOT RUN	NOT RUN
	IRON	UG/L	1340		844	37	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	1		1	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	43		39	9	NOT RUN	NOT RUN
	SODIUM	MG/L	58		44	24	NOT RUN	NOT RUN
	TITANIUM	UG/L	5		4	20	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 53

SAMPLE DATE ENDING 80/01/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	INTERMED EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	203	3	99	86	10650	3750
	TOTAL SUSP. SOLIDS	MG/L	112	13	88	92	44100	3980
	COD	MG/L	313	66	79	280	63000	6800
	OIL & GREASE	MG/L	25	7	72	12	393	11
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	210	20	90	96	2700	330
	TOTAL SOLIDS	MG/L	780	556	29	799	44300	4590
	TOTAL DISS. SOLIDS	MG/L	668	543	19	707	200	610
	TOTAL VOLATILE SOLIDS	MG/L	213	127	40	221	33900	3410
	AMMONIA NITROGEN	MG/L	7	2	71	19	115	4
	TOC	MG/L	114	26	77	117	15500	2180
VOLATILES	ACRYLONITRILE	UG/L	L 100	L 100	-	L 100	N-D	4
	BENZENE	UG/L	L 10	L 10	-	1	30	2
	CHLOROBENZENE	UG/L	L 10	L 10	-	2	848	85
	1,1,1-TRICHLOROETHANE	UG/L	L 10	7	-	L 10	N-D	N-D
	CHLOROETHANE	UG/L	35	L 10	71	L 10	N-D	N-D
	CHLOROFORM	UG/L	L 10	32	-	2	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	16	L 10	38	L 10	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 10	L 10	-	L 10	N-D	72
	1,2-DICHLOROPROPANE	UG/L	L 10	L 10	-	L 10	N-D	4
	ETHYLBENZENE	UG/L	L 10	L 10	-	L 10	328	11
	METHYLENE CHLORIDE	UG/L	3	4	-	5	N-D	N-D
	METHYL CHLORIDE	UG/L	L 10	335	-	L 10	N-D	N-D
	TRICHLOROFLUOROMETHANE	UG/L	L 10	L 10	-	L 10	55	N-D
	TETRACHLOROETHYLENE	UG/L	62	L 10	84	L 10	N-D	8
	TOLUENE	UG/L	1	1	-	L 10	16	6
	TRICHLOROETHYLENE	UG/L	L 10	L 10	-	L 10	N-D	72
ACID EXTRACT	2-CHLOROPHENOL	UG/L	108	L 57	47	L 60	N-D	N-D
	PHENOL	UG/L	97	1	99	26	N-D	N-D
BASE-NEUTRALS	ACENAPHTHENE	UG/L	1950	3	100	140	N-D	N-D
	1,2,4-TRICHLOROBENZENE	UG/L	210	6	97	140	N-D	N-D
	1,2-DICHLOROBENZENE	UG/L	L 17	L 22	-	1	270	N-D
	1,4-DICHLOROBENZENE	UG/L	L 17	L 22	-	5	1600	N-D
	FLUORANTHENE	UG/L	L 8	L 11	-	L 9	120	N-D
	4-CHLOROPHENYL PHENYL ETHER	UG/L	L 17	6	-	L 18	N-D	N-D
	NAPHTHALENE	UG/L	190	L 22	88	29	N-D	N-D
	NITROBENZENE	UG/L	54	L 22	59	L 18	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	25	26	-	16	3900	1400
	DI-N-BUTYL PHTHALATE	UG/L	7	4	43	6	N-D	86
	DIETHYL PHTHALATE	UG/L	4	32	-	3	N-D	N-D
	ANTHRACENE	UG/L	L 17	L 22	-	L 18	160	N-D
	PHENANTHRENE	UG/L	L 17	L 22	-	L 18	160	N-D
	PYRENE	UG/L	L 8	L 11	-	L 9	82	N-D
METALS	ANTIMONY	UG/L	40	16	60	20	250	43
	ARSENIC	UG/L	4	2	50	2	32	3
	BERYLLIUM	UG/L	L 1	L 1	-	L 1	38	24

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/01/29

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 53

SAMPLE DATE ENDING 80/01/29 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	INTERMED EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	CADMIUM	UG/L	L 2	L 2	-	L 2	150	170
	CHROMIUM	UG/L	22	L 1	95	27	1100	240
	COPPER	UG/L	87	25	71	105	10000	1700
	CYANIDE	UG/L	NOT RUN	80	-	30	50	720
	LEAD	UG/L	L 40	L 40	-	L 40	6900	710
	MERCURY	MG/L	L 1000	L 1000	-	1000	74000	39000
	NICKEL	UG/L	96	49	49	355	4600	660
	SELENIUM	UG/L	L 1	L 1	-	L 1	20	8
	SILVER	UG/L	4	2	50	6	650	140
	ZINC	UG/L	191	152	20	365	27000	4300
NON-CONV. METALS	ALUMINUM	UG/L	722	220	70	1370	NOT RUN	&
	BARIUM	UG/L	42	12	71	74	NOT RUN	&
	BORON	UG/L	660	677	-	760	NOT RUN	&
	CALCIUM	MG/L	9	10	-	11	NOT RUN	&
	COBALT	UG/L	76	L 50	34	L 50	NOT RUN	&
	IRON	UG/L	1040	436	58	1650	NOT RUN	&
	MAGNESIUM	MG/L	3	3	-	3	NOT RUN	&
	MANGANESE	UG/L	56	57	-	70	NOT RUN	&
	MOLYBDENUM	UG/L	L 35	L 35	-	L 35	NOT RUN	&
	SODIUM	MG/L	195	153	22	207	NOT RUN	&
	TIN	UG/L	L 25	31	-	L 25	NOT RUN	&
	TITANIUM	UG/L	8	L 2	75	17	NOT RUN	&
	VANADIUM	UG/L	L 1	L 1	-	L 1	NOT RUN	&
	YTTRIUM	UG/L	L 3	L 3	-	L 3	NOT RUN	&

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/01/29
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 53

SAMPLE DATE ENDING 80/01/30 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	INTERMED EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	120	4	97	85	3360	2190
	TOTAL SUSP. SOLIDS	MG/L	124	9	93	92	41900	5220
	COD	MG/L	520	70	87	410	68000	14000
	OIL & GREASE	MG/L	12	7	42	9	344	8
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	120	25	79	75	2500	830
	TOTAL SOLIDS	MG/L	868	619	29	753	43600	6010
	TOTAL DISS. SOLIDS	MG/L	744	610	18	661	1700	790
	TOTAL VOLATILE SOLIDS	MG/L	256	140	45	177	32300	4550
	AMMONIA NITROGEN	MG/L	3	1	67	17	119	L 3
	TOC	MG/L	146	27	82	116	14200	2790
VOLATILES	BENZENE	UG/L	L 10	L 10	-	T 1	64	N-D
	CHLOROBENZENE	UG/L	L 10	L 10	-	L 10	598	33
	1,1,1-TRICHLOROETHANE	UG/L	30	L 10	67	3	N-D	N-D
	CHLOROFORM	UG/L	5	17	-	L 10	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 10	-	L 10	630	N-D
	1,2-DICHLOROPROPANE	UG/L	L 10	L 10	-	L 10	N-D	2
	METHYLENE CHLORIDE	UG/L	17	6	65	14	N-D	N-D
	TRICHLOROFLUOROMETHANE	UG/L	L 10	L 10	-	L 10	59	5
	TETRACHLOROETHYLENE	UG/L	60	L 10	83	L 10	N-D	9
	TOLUENE	UG/L	L 10	L 10	-	L 10	8	2
	TRICHLOROETHYLENE	UG/L	L 10	L 10	-	L 10	N-D	2
ACID EXTRACT	PHENOL	UG/L	54	2	96	27	620	809
BASE-NEUTRALS	ACENAPHTHENE	UG/L	720	L 18	97	50	N-D	N-D
	1,2,4-TRICHLOROBENZENE	UG/L	4600	L 18	100	290	4040	N-D
	1,2-DICHLOROBENZENE	UG/L	L 30	L 18	-	4	N-D	N-D
	1,4-DICHLOROBENZENE	UG/L	L 30	L 18	-	L 21	3700	N-D
	FLUORANTHENE	UG/L	L 30	L 9	-	L 11	61	N-D
	NAPHTHALENE	UG/L	57	L 18	68	14	4400	N-D
	NITROBENZENE	UG/L	60	L 18	70	L 21	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	19	2	89	13	6800	1200
	DI-N-BUTYL PHTHALATE	UG/L	7	2	71	4	N-D	N-D
	DIETHYL PHTHALATE	UG/L	9	2	78	4	N-D	51
	ACENAPHTHYLENE	UG/L	L 30	L 18	-	14	N-D	N-D
	FLUORENE	UG/L	L 30	L 18	-	L 21	230	N-D
	INDENO(1,2,3-C,D) PYRENE	UG/L	L 15	42	-	L 11	N-D	N-D
	PYRENE	UG/L	L 15	L 9	-	L 11	64	N-D
METALS	ANTIMONY	UG/L	25	9	64	62	220	54
	ARSENIC	UG/L	4	2	50	3	40	6
	BERYLLIUM	UG/L	L 1	L 1	-	L 1	41	24
	CADMIUM	UG/L	12	L 2	83	8	710	220
	CHROMIUM	UG/L	3	3	-	17	1100	530
	COPPER	UG/L	156	30	81	121	15000	2400
	CYANIDE	UG/L	340	161	53	90	220	810
	LEAD	UG/L	L 40	L 40	-	L 40	8000	890
	MERCURY	NG/L	2000	L 1000	50	1000	240000	57000

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/01/30
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 53

SAMPLE DATE ENDING 80/01/30 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	INTERMED EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	NICKEL	UG/L	136	129	5	177	5500	2200
	SELENIUM	UG/L	L 1	1	-	L 1	24	L 2
	SILVER	UG/L	5	2	60	7	780	180
	ZINC	UG/L	264	173	34	316	34000	6300
NON-CONV. METALS	ALUMINUM	UG/L	1070	248	77	1420	NOT RUN	6
	BARIUM	UG/L	88	13	85	89	NOT RUN	6
	BORON	UG/L	555	678	-	527	NOT RUN	6
	CALCIUM	MG/L	10	11	-	11	NOT RUN	6
	COBALT	UG/L	L 50	133	-	L 50	NOT RUN	6
	IRON	UG/L	1420	500	65	1640	NOT RUN	6
	MAGNESIUM	MG/L	3	32	-	3	NOT RUN	6
	MANGANESE	UG/L	63	60	5	69	NOT RUN	6
	MOLYBDENUM	UG/L	L 35	L 35	-	L 35	NOT RUN	6
	SODIUM	MG/L	214	182	15	191	NOT RUN	6
	TIN	UG/L	L 25	L 25	-	L 25	NOT RUN	6
	TITANIUM	UG/L	17	8	53	24	NOT RUN	6
	VANADIUM	UG/L	L 1	L 1	-	L 1	NOT RUN	6
	YTTRIUM	UG/L	L 3	L 3	-	L 3	NOT RUN	6

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/01/30
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 53

SAMPLE DATE ENDING 80/01/31 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	INTERMED EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	252	2	99	98	9750	3840
	TOTAL SUSP. SOLIDS	MG/L	154	7	95	74	39700	5940
	COD	MG/L	510	140	73	460	52000	14000
	OIL & GREASE	MG/L	6	6	-	8	324	10
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	58	14	76	77	1900	390
	TOTAL SOLIDS	MG/L	909	657	28	787	40900	7180
	TOTAL DISS. SOLIDS	MG/L	755	650	14	713	1200	1240
	TOTAL VOLATILE SOLIDS	MG/L	296	152	49	173	30900	5560
	AMMONIA NITROGEN	MG/L	9	1	89	7	90	L 3
	TOC	MG/L	148	39	74	133	26500	3260
VOLATILES	ACRYLONITRILE	UG/L	L 100	L 100	-	L 100	119	N-D
	BENZENE	UG/L	L 10	L 10	-	2	39	7
	CHLOROBENZENE	UG/L	L 10	L 10	-	12	1090	135
	1,1,1-TRICHLOROETHANE	UG/L	10	L 10	-	2	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	L 10	L 10	-	L 10	42	N-D
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 10	L 10	-	L 10	94	N-D
	CHLOROFORM	UG/L	13	45	-	4	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	26	L 10	62	5	579	N-D
	ETHYLBENZENE	UG/L	3	L 10	-	4	130	13
	METHYLENE CHLORIDE	UG/L	49	6	88	20	19	N-D
	TETRACHLOROETHYLENE	UG/L	1250	L 10	99	345	45	5
	TOLUENE	UG/L	9	L 10	-	4	65	10
	TRICHLOROETHYLENE	UG/L	L 10	L 10	-	74	13	7
ACID EXTRACT	PHENOL	UG/L	42	1	98	19	860	N-D
BASE-NEUTRALS	ACENAPHTHENE	UG/L	280	L 14	95	70	N-D	N-D
	1,2,4-TRICHLOROBENZENE	UG/L	370	10	97	260	4700	N-D
	1,2-DICHLOROBENZENE	UG/L	L 37	L 14	-	5	N-D	N-D
	1,4-DICHLOROBENZENE	UG/L	L 37	L 14	-	L 24	3700	N-D
	FLUORANTHENE	UG/L	L 18	L 7	-	L 12	28	N-D
	NAPHTHALENE	UG/L	28	L 14	50	10	2300	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	19	29	-	11	3200	780
	BUTYL BENZYL PHTHALATE	UG/L	L 37	3	-	L 24	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	6	3	50	8	N-D	N-D
	DIETHYL PHTHALATE	UG/L	13	2	85	L 24	N-D	N-D
	PYRENE	UG/L	L 18	L 7	-	L 12	41	N-D
METALS	ANTIMONY	UG/L	12	15	-	20	240	47
	ARSENIC	UG/L	4	4	-	6	38	6
	BERYLLIUM	UG/L	L 1	L 1	-	L 1	38	20
	CADMIUM	UG/L	L 2	L 2	-	L 2	700	250
	CHROMIUM	UG/L	21	10	52	17	2000	640
	COPPER	UG/L	112	31	72	115	13000	2800
	CYANIDE	UG/L	L 20	180	-	120	210	830
	LEAD	UG/L	L 40	L 40	-	L 40	7600	930
	MERCURY	NG/L	L 1000	L 1000	-	L 1000	240000	66000
	NICKEL	UG/L	275	146	47	201	7800	2800

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/01/31

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 53

SAMPLE DATE ENDING 80/01/31 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	INTERMED EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	SELENIUM	UG/L	L 1	L 1	-	L 1	18	3
	SILVER	UG/L	8	2	75	8	860	200
	ZINC	UG/L	345	158	54	315	30000	7100
NON-CONV. METALS	ALUMINUM	UG/L	1320	185	86	1160	NOT RUN	NOT RUN
	BARIUM	UG/L	144	11	92	83	NOT RUN	NOT RUN
	BORON	UG/L	282	494	-	669	NOT RUN	NOT RUN
	CALCIUM	MG/L	11	10	9	10	NOT RUN	NOT RUN
	COBALT	UG/L	67	67	-	L 50	NOT RUN	NOT RUN
	IRON	UG/L	1640	485	70	1430	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3	31	-	3	NOT RUN	NOT RUN
	MANGANESE	UG/L	68	54	21	66	NOT RUN	NOT RUN
	SODIUM	MG/L	217	183	16	210	NOT RUN	NOT RUN
	TITANIUM	UG/L	25	6	76	14	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/01/31
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 53

SAMPLE DATE ENDING 80/02/01 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	INTERMED EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	182	4	98	135	7500	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	162	10	94	42	40500	NOT RUN
	COD	MG/L	550	190	65	310	51000	NOT RUN
	OIL & GREASE	MG/L	8	9	-	9	382	L 5
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	86	27	69	79	1500	NOT RUN
	TOTAL SOLIDS	MG/L	928	675	27	735	41000	NOT RUN
	TOTAL DISS. SOLIDS	MG/L	766	665	13	693	500	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	317	151	52	171	31400	NOT RUN
	AMMONIA NITROGEN	MG/L	5	1	80	10	96	NOT RUN
	TOC	MG/L	146	38	74	129	16800	NOT RUN
VOLATILES	BENZENE	UG/L	L 10	L 10	-	L 10	7	N-D
	CHLOROBENZENE	UG/L	L 10	L 10	-	L 10	306	10
	1,1,1-TRICHLOROETHANE	UG/L	230	L 10	96	44	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	L 10	L 10	-	L 10	16	16
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 10	L 10	-	L 10	4	N-D
	CHLOROFORM	UG/L	15	58	-	5	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	29	L 10	66	L 10	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	28	L 10	64	7	429	43
	1,2-DICHLOROPROPANE	UG/L	L 10	L 10	-	L 10	5	2
	ETHYLBENZENE	UG/L	96	L 10	90	L 10	53	N-D
	METHYLENE CHLORIDE	UG/L	28	16	43	11	5	3
	TETRACHLOROETHYLENE	UG/L	680	L 10	99	175	N-D	17
	TOLUENE	UG/L	14	4	71	10	14	4
	TRICHLOROETHYLENE	UG/L	255	L 10	96	48	6	6
ACID EXTRACT	PHENOL	UG/L	28	2	93	18	780	N-D
BASE-NEUTRALS	ACENAPHTHENE	UG/L	320	L 14	96	40	N-D	N-D
	1,2,4-TRICHLOROBENZENE	UG/L	180	2	99	99	2100	N-D
	1,2-DICHLOROBENZENE	UG/L	9	L 14	-	2	N-D	N-D
	1,4-DICHLOROBENZENE	UG/L	L 18	L 14	-	L 18	890	N-D
	NAPHTHALENE	UG/L	27	L 14	48	5	840	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	99	2	98	7	3200	440
	DI-N-BUTYL PHTHALATE	UG/L	11	2	82	4	N-D	N-D
	DIETHYL PHTHALATE	UG/L	4	2	50	4	N-D	N-D
	DIMETHYL PHTHALATE	UG/L	7	L 14	-	2	N-D	N-D
METALS	ANTIMONY	UG/L	7	11	-	8	150	56
	ARSENIC	UG/L	4	4	-	4	28	7
	BERYLLIUM	UG/L	L 1	L 1	-	L 1	31	17
	CADMIUM	UG/L	7	L 2	71	3	440	190
	CHROMIUM	UG/L	16	4	75	10	2200	260
	COPPER	UG/L	176	26	85	120	12000	2100
	CYANIDE	UG/L	L 20	220	-	250	50	NOT RUN
	LEAD	UG/L	65	L 40	38	L 40	5900	950
	MERCURY	MG/L	1000	1000	-	L 1000	300000	48000
	NICKEL	UG/L	126	124	2	175	15000	1100
	SELENIUM	UG/L	L 1	L 1	-	L 1	13	L 2

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/01
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 53

SAMPLE DATE ENDING 80/02/01 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	INTERMED EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	SILVER	UG/L	6	2	67	6	790	180
	ZINC	UG/L	305	159	48	256	34000	4000
NON-CONV. METALS	ALUMINUM	UG/L	1240	145	88	932	NOT RUN	NOT RUN
	BARIUM	UG/L	112	10	91	65	NOT RUN	NOT RUN
	BORON	UG/L	402	377	6	319	NOT RUN	NOT RUN
	CALCIUM	MG/L	11	10	9	11	NOT RUN	NOT RUN
	IRON	UG/L	1620	415	74	1290	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3	3	-	3	NOT RUN	NOT RUN
	MANGANESE	UG/L	73	54	26	66	NOT RUN	NOT RUN
	SODIUM	MG/L	207	188	9	188	NOT RUN	NOT RUN
	TITANIUM	UG/L	18	2	89	13	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/01
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 53

SAMPLE DATE ENDING 80/02/02 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	INTERMED EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	110	L 1	99	85	15300	3120
	TOTAL SUSP. SOLIDS	MG/L	164	8	95	54	42100	4490
	COD	MG/L	260	140	46	340	58000	12000
	OIL & GREASE	MG/L	22	14	36	10	388	10
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	81	16	80	75	1800	470
	TOTAL SOLIDS	MG/L	1050	697	34	831	42300	5240
	TOTAL DISS. SOLIDS	MG/L	886	688	22	777	200	750
	TOTAL VOLATILE SOLIDS	MG/L	516	152	71	197	34000	3920
	AMMONIA NITROGEN	MG/L	7	2	71	8	59	7
	TOC	MG/L	157	43	73	137	20800	2350
VOLATILES	BENZENE	UG/L	L 10	L 10	-	1	41	1
	CHLOROBENZENE	UG/L	L 10	L 10	-	7	743	24
	1,1,1-TRICHLOROETHANE	UG/L	27	L 10	63	2	7	N-D
	1,1-DICHLOROETHANE	UG/L	L 10	L 10	-	L 10	53	5
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 10	L 10	-	L 10	12	N-D
	CHLOROFORM	UG/L	20	70	-	5	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	25	L 10	60	5	848	29
	1,2-DICHLOROPROPANE	UG/L	88	L 10	89	L 10	10	3
	ETHYLBENZENE	UG/L	3	L 10	-	2	75	38
	METHYLENE CHLORIDE	UG/L	21	7	67	15	9	1
	TETRACHLOROETHYLENE	UG/L	680	L 10	99	280	N-D	19
	TOLUENE	UG/L	9	2	78	L 10	31	4
	TRICHLOROETHYLENE	UG/L	160	L 10	94	36	54	6
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	53	L 40	25	31	N-D	N-D
	PHENOL	UG/L	56	2	96	24	N-D	401
BASE-NEUTRALS	ACENAPHTHENE	UG/L	140	L 18	89	230	N-D	N-D
	1,2,4-TRICHLOROBENZENE	UG/L	100	6	94	56	15000	N-D
	1,2-DICHLOROBENZENE	UG/L	5	L 18	-	3	N-D	N-D
	1,4-DICHLOROBENZENE	UG/L	11	L 18	-	L 18	2700	N-D
	NAPHTHALENE	UG/L	24	L 18	25	6	2700	N-D
	NITROBENZENE	UG/L	L 23	L 18	-	6	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	10	2	80	8	5300	670
	DI-N-BUTYL PHTHALATE	UG/L	4	2	50	3	N-D	N-D
	DIETHYL PHTHALATE	UG/L	5	5	-	2	N-D	N-D
METALS	ANTIMONY	UG/L	7	30	-	6	260	L 4
	ARSENIC	UG/L	4	6	-	3	28	4
	BERYLLIUM	UG/L	L 1	L 1	-	L 1	31	20
	CADMIUM	UG/L	L 2	L 2	-	L 2	430	190
	CHROMIUM	UG/L	9	7	22	8	1400	400
	COPPER	UG/L	105	31	70	123	6600	2400
	CYANIDE	UG/L	170	190	-	90	60	650
	LEAD	UG/L	61	L 40	34	41	5400	830
	MERCURY	MG/L	2000	L 1000	50	1000	140000	32000
	NICKEL	UG/L	48	128	-	73	12000	2200
	SELENIUM	UG/L	L 1	L 1	-	L 1	26	4

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/02

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 53

SAMPLE DATE ENDING 80/02/02 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	INTERMED EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	SILVER	UG/L	5	2	60	5	480	190
	ZINC	UG/L	420	149	65	325	37000	6800
NON-CONV. METALS	ALUMINUM	UG/L	1010	222	78	813	NOT RUN	NOT RUN
	BARIUM	UG/L	108	13	88	63	NOT RUN	NOT RUN
	BORON	UG/L	617	461	25	489	NOT RUN	NOT RUN
	CALCIUM	MG/L	11	10	9	11	NOT RUN	NOT RUN
	IRON	UG/L	1460	415	72	1220	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3	3	-	3	NOT RUN	NOT RUN
	MANGANESE	UG/L	66	49	26	66	NOT RUN	NOT RUN
	SODIUM	MG/L	171	192	-	208	NOT RUN	NOT RUN
	TIN	UG/L	46	L 25	46	L 25	NOT RUN	NOT RUN
	TITANIUM	UG/L	9	6	33	8	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/02
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 53

SAMPLE DATE ENDING 80/02/03 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	INTERMED EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	165	L 1	99	82	15900	3620
	TOTAL SUSP. SOLIDS	MG/L	104	9	91	58	35300	3840
	COD	MG/L	500	147	71	305	47000	8100
	OIL & GREASE	MG/L	41	15	63	10	140	10
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	74	26	65	85	1400	360
	TOTAL SOLIDS	MG/L	596	703	-	655	36200	4890
	TOTAL DISS. SOLIDS	MG/L	492	694	-	597	900	1050
	TOTAL VOLATILE SOLIDS	MG/L	284	177	38	157	29400	3640
	AMMONIA NITROGEN	MG/L	11	4	64	4	244	3
	TOC	MG/L	149	45	70	119	28000	2070
VOLATILES	BENZENE	UG/L	L 10	L 10	-	L 10	32	N-D
	CHLOROBENZENE	UG/L	L 10	L 10	-	10	660	5
	1,1,1-TRICHLOROETHANE	UG/L	2	L 10	-	L 10	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	L 10	L 10	-	L 10	17	N-D
	CHLOROFORM	UG/L	8	36	-	4	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	28	L 10	64	4	1117	1
	1,2-DICHLOROPROPANE	UG/L	L 10	L 10	-	L 10	8	2
	ETHYLBENZENE	UG/L	L 10	L 10	-	L 10	45	16
	METHYLENE CHLORIDE	UG/L	27	2	93	20	15	N-D
	TETRACHLOROETHYLENE	UG/L	L 10	L 10	-	145	N-D	19
	TOLUENE	UG/L	L 10	1	-	1	28	2
	TRICHLOROETHYLENE	UG/L	115	L 10	91	18	14	3
ACID EXTRACT	4,6-DINITRO-O-CRESOL	UG/L	L 60	4	-	L 53	N-D	N-D
	PHENOL	UG/L	30	1	97	14	260	97
BASE-NEUTRALS	ACENAPHTHENE	UG/L	75	L 18	76	13	N-D	N-D
	1,2,4-TRICHLOROBENZENE	UG/L	54	5	91	15	10500	N-D
	1,2-DICHLOROBENZENE	UG/L	5	L 18	-	3	N-D	N-D
	1,4-DICHLOROBENZENE	UG/L	L 20	L 18	-	L 38	3500	N-D
	NAPHTHALENE	UG/L	4	L 18	-	L 38	2400	N-D
	NITROBENZENE	UG/L	15	L 18	-	L 38	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	13	4	69	9	7200	910
	DI-N-BUTYL PHTHALATE	UG/L	3	2	33	4	N-D	N-D
	DIETHYL PHTHALATE	UG/L	4	9	-	38	N-D	N-D
	INDENO(1,2,3-C,D) PYRENE	UG/L	L 10	L 9	-	33	N-D	N-D
METALS	ANTIMONY	UG/L	3	7	-	250	170	L 4
	ARSENIC	UG/L	2	2	-	2	30	L 2
	BERYLLIUM	UG/L	L 1	L 1	-	L 1	31	17
	CADMIUM	UG/L	L 2	L 2	-	L 2	740	180
	CHROMIUM	UG/L	3	3	-	9	1500	260
	COPPER	UG/L	78	36	54	99	9600	2000
	CYANIDE	UG/L	L 20	400	-	L 20	80	640
	LEAD	UG/L	50	L 40	20	54	5300	730
	MERCURY	NG/L	L 1000	L 1000	-	L 1000	180000	360000
	NICKEL	UG/L	19	96	-	41	5600	1700
	SELENIUM	UG/L	L 1	L 1	-	L 1	24	L 2

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/03
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 53

SAMPLE DATE ENDING 80/02/03 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	INTERMED EFFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	SILVER	UG/L	2	2	-	900	640	140
	ZINC	UG/L	239	160	33	206	4600	4600
NON-CONV. METALS	ALUMINUM	UG/L	1370	285	79	1070	NOT RUN	NOT RUN
	BARIUM	UG/L	78	14	82	58	NOT RUN	NOT RUN
	BORON	UG/L	422	653	-	579	NOT RUN	NOT RUN
	CALCIUM	MG/L	12	10	17	11	NOT RUN	NOT RUN
	COBALT	UG/L	82	84	-	94	NOT RUN	NOT RUN
	IRON	UG/L	1590	384	76	1340	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3	3	-	32	NOT RUN	NOT RUN
	MANGANESE	UG/L	73	52	29	69	NOT RUN	NOT RUN
	SODIUM	MG/L	86	196	-	147	NOT RUN	NOT RUN
	TIN	UG/L	37	27	27	32	NOT RUN	NOT RUN
	TITANIUM	UG/L	20	3	85	15	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/02/03
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N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 54

SAMPLE DATE ENDING 80/04/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	174	6	97	294	18900	3780
	TOTAL SUSP. SOLIDS	MG/L	309	35	89	6790	32400	5230
	COD	MG/L	440	40	91	1600	25000	7400
	OIL & GREASE	MG/L	27	12	56	L 5	808	212
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	130	88	32	1600	860	590
	TOTAL SOLIDS	MG/L	851	572	33	78400	34800	6040
	TOTAL DISS. SOLIDS	MG/L	542	537	1	71610	2400	810
	TOTAL VOLATILE SOLIDS	MG/L	333	91	73	6670	20500	4400
	AMMONIA NITROGEN	MG/L	11	16	-	T 1	141	20
	TOC	MG/L	121	42	65	1360	12400	2720
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	12	8	33	L 10	N-D	N-D
	CHLOROFORM	UG/L	10	11	-	L 10	7	5
	ETHYLBENZENE	UG/L	L 10	L 10	-	L 10	15	N-D
	METHYLENE CHLORIDE	UG/L	5	8	-	1	N-D	N-D
	METHYL CHLORIDE	UG/L	L 10	L 10	-	L 10	4	N-D
	DICHLORODIFLUOROMETHANE	UG/L	L 10	L 10	-	L 10	N-D	26
	TETRACHLOROETHYLENE	UG/L	18	L 10	44	L 10	254	14
	TOLUENE	UG/L	4	T 1	75	700	317	47
	TRICHLOROETHYLENE	UG/L	L 10	L 10	-	L 10	61	3
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	360	470	-	L 80	N-D	N-D
	PHENOL	UG/L	L 120	L 71	-	464	N-D	N-D
BASE-NEUTRALS	BIS(2-CHLOROETHYOXY) METHANE	UG/L	1	L 19	-	L 30	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	124	259	-	720	2100	650
	BUTYL BENZYL PHTHALATE	UG/L	L 24	5	-	4	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	3	3	-	8	N-D	N-D
	DIETHYL PHTHALATE	UG/L	T 1	L 19	-	3	N-D	N-D
	DIMETHYL PHTHALATE	UG/L	L 24	L 19	-	2	N-D	N-D
METALS	ANTIMONY	UG/L	L 1	2	-	5	9	5
	ARSENIC	UG/L	L 1	L 1	-	6	61	10
	CADMIUM	UG/L	L 2	L 2	-	33	39	12
	CHROMIUM	UG/L	12	L 1	92	126	400	120
	COPPER	UG/L	24	L 2	92	69	1100	370
	CYANIDE	UG/L	10	50	-	10	10	L 10
	LEAD	UG/L	137	100	27	894	2800	1000
	MERCURY	NG/L	1000	L 1000	-	L 1000	200000	46000
	NICKEL	UG/L	L 5	L 5	-	240	I 0	38
	SELENIUM	UG/L	2	2	-	17	20	2
	SILVER	UG/L	11	1	91	L 1	620	160
	THALLIUM	UG/L	J 10	L 1	90	24	L 4	L 2
	ZINC	UG/L	152	L 1	99	71	I 0	840
NON-CONV. METALS	ALUMINUM	UG/L	2890	16	99	8200	NOT RUN	NOT RUN
	BARIUM	UG/L	107	11	90	346	NOT RUN	NOT RUN
	BORON	UG/L	8	330	-	89	NOT RUN	NOT RUN
	CALCIUM	MG/L	54	32	41	3940	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/09
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DAILY ANALYTICAL RESULTS

PLANT 54

SAMPLE DATE ENDING 80/04/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	IRON	UG/L	3540	331	91	4060	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3	2	33	53	NOT RUN	NOT RUN
	MANGANESE	UG/L	230	184	20	292	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	170	131	23	541	NOT RUN	NOT RUN
	SODIUM	MG/L	237	139	41	21300	NOT RUN	NOT RUN
	TIN	UG/L	L 25	L 25	-	883	NOT RUN	NOT RUN
	TITANIUM	UG/L	26	L 2	92	40	NOT RUN	NOT RUN
	VANADIUM	UG/L	L 1	L 1	-	17	NOT RUN	NOT RUN
	YTTRIUM	UG/L	8	7	13	42	NOT RUN	NOT RUN

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POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/09
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N D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 54

SAMPLE DATE ENDING 80/04/10 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	162	2	99	41	16800	2760
	TOTAL SUSP. SOLIDS	MG/L	231	17	93	6190	31000	5290
	COD	MG/L	430	28	93	3200	28000	7000
	OIL & GREASE	MG/L	77	L 5	94	L 5	984	238
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	300	89	70	1700	1200	1900
	TOTAL SOLIDS	MG/L	872	620	29	74600	31800	6210
	TOTAL DISS. SOLIDS	MG/L	641	603	6	68410	800	920
	TOTAL VOLATILE SOLIDS	MG/L	244	91	63	6200	22400	4520
	AMMONIA NITROGEN	MG/L	20	18	10	T 1	117	17
	TOC	MG/L	93	45	52	1490	5350	2260
VOLATILES	CARBON TETRACHLORIDE	UG/L	1	L 10	-	L 10	N-D	N-D
	1,1,1-TRICHLOROETHANE	UG/L	13	1	92	L 10	N-D	N-D
	1,1-DICHLOROETHANE	UG/L	L 10	L 10	-	L 10	19	N-D
	CHLOROFORM	UG/L	6	6	-	L 10	5	1
	ETHYLBENZENE	UG/L	L 10	L 10	-	L 10	38	N-D
	METHYLENE CHLORIDE	UG/L	6	3	50	1	3	N-D
	METHYL CHLORIDE	UG/L	L 10	L 10	-	L 10	N-D	1
	TETRACHLOROETHYLENE	UG/L	1	4	-	L 10	486	17
	TOLUENE	UG/L	4	L 10	-	740	401	47
	TRICHLOROETHYLENE	UG/L	T 1	L 10	-	L 10	81	10
ACID EXTRACT	2-CHLOROPHENOL	UG/L	L 88	L 32	-	18	N-D	N-D
	2,4-DICHLOROPHENOL	UG/L	1190	468	61	175	N-D	N-D
	PHENOL	UG/L	L 105	L 39	-	600	190	830
BASE-NEUTRALS	BIS(2-CHLOROETHYL) ETHER	UG/L	748	L 13	98	L 20	N-D	N-D
	1,2-DIPHENYLHYDRAZINE	UG/L	L 11	1	-	L 20	N-D	N-D
	FLUORANTHENE	UG/L	L 6	L 6	-	L 10	63	4
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	276	186	33	22	3800	840
	BUTYL BENZYL PHTHALATE	UG/L	L 11	1	-	L 20	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	36	3	92	7	160	67
	DIETHYL PHTHALATE	UG/L	L 11	L 13	-	3	N-D	N-D
	DIMETHYL PHTHALATE	UG/L	L 11	L 13	-	4	N-D	N-D
	PYRENE	UG/L	L 6	L 6	-	L 10	56	N-D
METALS	ANTIMONY	UG/L	4	1	75	7	9	4
	ARSENIC	UG/L	L 1	L 1	-	3	12	L 2
	BERYLLIUM	UG/L	L 1	L 1	-	L 1	31	L 10
	CADMIUM	UG/L	L 2	L 2	-	30	140	L 10
	CHROMIUM	UG/L	7	L 1	86	97	4700	L 170
	COPPER	UG/L	24	L 2	92	53	460	710
	CYANIDE	UG/L	L 10	20	-	10	10	L 10
	LEAD	UG/L	133	104	22	836	1500	180
	MERCURY	NG/L	2000	L 1000	50	L 1000	180000	38000
	NICKEL	UG/L	L 5	L 5	-	213	270	360
	SELENIUM	UG/L	3	2	33	27	15	L 1
	SILVER	UG/L	15	L 1	93	L 1	550	210
	THALLIUM	UG/L	L 1	L 1	-	21	L 12	L 4

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/10
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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 54

SAMPLE DATE ENDING 80/04/10 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	ZINC	UG/L	125	11	91	71	1100	1300
NON-CONV. METALS	ALUMINUM	UG/L	2070	L 10	100	6040	NOT RUN	NOT RUN
	BARIUM	UG/L	117	14	88	285	NOT RUN	NOT RUN
	BORON	UG/L	213	212	-	L 4	NOT RUN	NOT RUN
	CALCIUM	MG/L	47	34	28	3030	NOT RUN	NOT RUN
	IRON	UG/L	3100	120	96	4010	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3	2	33	47	NOT RUN	NOT RUN
	MANGANESE	UG/L	212	164	23	230	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	94	176	-	496	NOT RUN	NOT RUN
	SODIUM	MG/L	235	160	32	21300	NOT RUN	NOT RUN
	TIN	UG/L	L 25	L 25	-	571	NOT RUN	NOT RUN
	TITANIUM	UG/L	10	L 2	80	26	NOT RUN	NOT RUN
	VANADIUM	UG/L	L 1	L 1	-	12	NOT RUN	NOT RUN
	YTTRIUM	UG/L	8	8	-	35	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 54

SAMPLE DATE ENDING 80/04/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	200	4	98	44	13800	1730
	TOTAL SUSP. SOLIDS	MG/L	296	44	85	5010	27500	4980
	COD	MG/L	460	28	94	2800	16000	6600
	OIL & GREASE	MG/L	42	9	79	L 5	891	224
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	210	100	52	3400	1600	760
	TOTAL SOLIDS	MG/L	917	635	31	74300	29400	5930
	TOTAL DISS. SOLIDS	MG/L	621	591	5	69290	1900	950
	TOTAL VOLATILE SOLIDS	MG/L	280	73	74	5540	21300	4320
	AMMONIA NITROGEN	MG/L	21	21	-	T 1	119	30
	TOC	MG/L	139	42	70	1180	10700	2390
VOLATILES	BENZENE	UG/L	L 10	L 10	-	NOT RUN	9	25
	1,1,1-TRICHLOROETHANE	UG/L	10	4	60	NOT RUN	N-D	N-D
	CHLOROFORM	UG/L	11	4	64	NOT RUN	4	N-D
	METHYLENE CHLORIDE	UG/L	2	1	50	NOT RUN	6	N-D
	METHYL CHLORIDE	UG/L	L 10	L 10	-	NOT RUN	N-D	6
	TETRACHLOROETHYLENE	UG/L	5	L 10	-	NOT RUN	463	13
	TOLUENE	UG/L	17	1	94	NOT RUN	494	105
	TRICHLOROETHYLENE	UG/L	L 10	L 10	-	NOT RUN	121	2
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	845	209	75	NOT RUN	3800	N-D
	PHENOL	UG/L	10	L 33	-	NOT RUN	180	N-D
BASE-NEUTRALS	HEXACHLOROBENZENE	UG/L	L 22	L 11	-	NOT RUN	402	N-D
	FLUORANTHENE	UG/L	L 11	L 5	-	NOT RUN	84	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	9	4	56	NOT RUN	3500	740
	BUTYL BENZYL PHTHALATE	UG/L	L 22	1	-	NOT RUN	280	N-D
	DI-N-BUTYL PHTHALATE	UG/L	16	5	69	NOT RUN	N-D	N-D
	DIETHYL PHTHALATE	UG/L	10	L 11	-	NOT RUN	N-D	N-D
	PYRENE	UG/L	L 11	L 5	-	NOT RUN	87	N-D
METALS	ANTIMONY	UG/L	L 1	2	-	2	5	9
	ARSENIC	UG/L	L 1	L 1	-	3	L 3	L 2
	BERYLLIUM	UG/L	L 1	L 1	-	L 1	31	L 10
	CADMIUM	UG/L	L 2	L 2	-	29	350	21
	CHROMIUM	UG/L	16	L 1	94	95	1200	L 170
	COPPER	UG/L	29	L 2	93	56	2200	730
	CYANIDE	UG/L	L 10	50	-	L 10	20	L 10
	LEAD	UG/L	105	106	-	804	1600	440
	MERCURY	NG/L	1000	L 1000	-	L 1000	200000	34000
	NICKEL	UG/L	L 5	L 5	-	189	310	L 200
	SELENIUM	UG/L	3	2	33	J 10	8	L 1
	SILVER	UG/L	9	L 1	89	L 1	580	200
	ZINC	UG/L	107	L 1	99	55	6700	1200
NON-CONV. METALS	ALUMINUM	UG/L	1910	L 10	99	6430	NOT RUN	NOT RUN
	BARIUM	UG/L	117	12	90	326	NOT RUN	NOT RUN
	BORON	UG/L	541	153	72	L 4	NOT RUN	NOT RUN
	CALCIUM	MG/L	45	31	31	3520	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/11
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 57

SAMPLE DATE ENDING 79/12/04 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
NON-CONV. METALS	VANADIUM	UG/L	11	L 3	73	NOT RUN	512	560
	YTTRIUM	UG/L	L 9	L 7	-	NOT RUN	114	114

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/04
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 54

SAMPLE DATE ENDING 80/04/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	IRON	UG/L	2820	117	96	5254	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	3	2	33	53	NOT RUN	NOT RUN
	MANGANESE	UG/L	205	158	23	245	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	131	113	14	520	NOT RUN	NOT RUN
	SODIUM	MG/L	243	171	30	20900	NOT RUN	NOT RUN
	TIN	UG/L	L 25	L 25	-	641	NOT RUN	NOT RUN
	TITANIUM	UG/L	14	L 2	86	25	NOT RUN	NOT RUN
	VANADIUM	UG/L	L 1	L 1	-	10	NOT RUN	NOT RUN
	YTTRIUM	UG/L	8	7	13	38	NOT RUN	NOT RUN

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N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 54

SAMPLE DATE ENDING 80/04/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	234	10	96	72	31200	1970
	TOTAL SUSP. SOLIDS	MG/L	421	77	82	3160	27800	4790
	COD	MG/L	430	24	94	3000	32000	6600
	OIL & GREASE	MG/L	28	6	79	L 5	1870	88
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	140	100	29	1100	1100	710
	TOTAL SOLIDS	MG/L	844	600	29	70700	29100	5710
	TOTAL DISS. SOLIDS	MG/L	423	523	-	67540	1300	920
	TOTAL VOLATILE SOLIDS	MG/L	341	75	78	5690	20700	4180
	AMMONIA NITROGEN	MG/L	15	19	-	T 1	97	21
	TOC	MG/L	153	37	76	1410	13000	2530
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	10	L 10	-	L 10	N-D	N-D
	CHLOROFORM	UG/L	1	5	-	L 10	N-D	N-D
	ETHYLBENZENE	UG/L	L 10	L 10	-	L 10	10	N-D
	METHYLENE CHLORIDE	UG/L	2	1	50	1	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	4	L 10	-	L 10	303	11
	TOLUENE	UG/L	4	L 10	-	880	678	13
	TRICHLOROETHYLENE	UG/L	L 10	L 10	-	L 10	28	6
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	108	L 55	49	L 63	1700	N-D
	PHENOL	UG/L	L 36	L 66	-	525	140	N-D
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 8	L 9	-	L 7	72	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	68	7	90	21	4400	608
	BUTYL BENZYL PHTHALATE	UG/L	L 15	L 18	-	1	N-D	N-D
	DI-N-BUTYL PHTHALATE	UG/L	2	1	50	1	180	N-D
	DIETHYL PHTHALATE	UG/L	T 1	L 18	-	2	N-D	N-D
	DIMETHYL PHTHALATE	UG/L	L 15	L 18	-	1	N-D	N-D
	PYRENE	UG/L	L 8	L 9	-	L 7	70	N-D
METALS	ANTIMONY	UG/L	1	1	-	5	9	1
	ARSENIC	UG/L	1	L 1	-	2	L 3	L 1
	BERYLLIUM	UG/L	L 1	L 1	-	L 1	24	L 10
	CADMIUM	UG/L	L 2	L 2	-	29	77	L 10
	CHROMIUM	UG/L	16	L 1	94	75	390	L 170
	COPPER	UG/L	28	L 2	93	52	1000	830
	CYANIDE	UG/L	L 10	40	-	L 10	10	L 10
	LEAD	UG/L	116	65	44	818	1300	260
	MERCURY	NG/L	1000	L 1000	-	L 1000	110000	22000
	NICKEL	UG/L	L 5	L 5	-	175	220	250
	SELENIUM	UG/L	1	2	-	J 10	8	2
	SILVER	UG/L	10	L 1	90	L 1	620	240
	ZINC	UG/L	135	L 1	99	51	1000	1500
NON-CONV. METALS	ALUMINUM	UG/L	6520	L 10	100	6540	NOT RUN	NOT RUN
	BARIUM	UG/L	140	11	92	310	NOT RUN	NOT RUN
	BORON	UG/L	233	166	29	L 4	NOT RUN	NOT RUN
	CALCIUM	MG/L	28	29	-	3030	NOT RUN	NOT RUN
	IRON	UG/L	5670	180	97	5230	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/12
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 54

SAMPLE DATE ENDING 80/04/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	MAGNESIUM	MG/L	3	2	33	43	NOT RUN	NOT RUN
	MANGANESE	UG/L	235	149	37	211	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	319	306	4	829	NOT RUN	NOT RUN
	SODIUM	MG/L	107	145	-	20400	NOT RUN	NOT RUN
	TIN	UG/L	L 25	L 25	-	525	NOT RUN	NOT RUN
	TITANIUM	UG/L	66	L 2	97	25	NOT RUN	NOT RUN
	VANADIUM	UG/L	L 1	L 1	-	9	NOT RUN	NOT RUN
	YTTRIUM	UG/L	10	7	30	36	NOT RUN	NOT RUN

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POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/12
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 54

SAMPLE DATE ENDING 80/04/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	27	4	85	35	13500	4080
	TOTAL SUSP. SOLIDS	MG/L	144	44	69	3020	42500	4340
	COD	MG/L	110	12	89	2800	41000	6400
	OIL & GREASE	MG/L	18	6	67	L 5	956	194
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	31	9	71	770	810	160
	TOTAL SOLIDS	MG/L	300	175	42	75500	44100	4950
	TOTAL DISS. SOLIDS	MG/L	156	131	16	72480	1600	610
	TOTAL VOLATILE SOLIDS	MG/L	112	52	54	5950	23400	3260
	AMMONIA NITROGEN	MG/L	5	6	-	T 1	100	8
	TOC	MG/L	71	4	94	1160	13600	2180
VOLATILES	CARBON TETRACHLORIDE	UG/L	2	L 10	-	L 10	N-D	N-D
	CHLOROBENZENE	UG/L	L 10	L 10	-	L 10	12	N-D
	1,1,1-TRICHLOROETHANE	UG/L	29	1	97	L 10	N-D	N-D
	CHLOROFORM	UG/L	3	1	67	L 10	N-D	N-D
	ETHYLBENZENE	UG/L	L 10	L 10	-	L 10	1	N-D
	METHYLENE CHLORIDE	UG/L	2	3	-	2	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	1	L 10	-	L 10	151	3
	TOLUENE	UG/L	3	L 10	-	370	1370	19
	TRICHLOROETHYLENE	UG/L	L 10	L 10	-	L 10	15	N-D
ACID EXTRACT	2-CHLOROPHENOL	UG/L	L 39	L 39	-	13	N-D	N-D
	2,4-DICHLOROPHENOL	UG/L	L 39	L 39	-	80	715	N-D
	PHENOL	UG/L	5	L 47	-	1020	103	N-D
BASE-NEUTRALS	HEXACHLOROBENZENE	UG/L	L 15	L 10	-	L 17	170	47
	FLUORANTHENE	UG/L	L 8	L 5	-	L 9	72	N-D
	BIS(2-CHLOROETHYOXY) METHANE	UG/L	4	L 10	-	L 17	N-D	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	10	9	10	6	4200	640
	BUTYL BENZYL PHTHALATE	UG/L	L 15	L 10	-	12	160	N-D
	DI-N-BUTYL PHTHALATE	UG/L	1	2	-	2	N-D	60
	DIETHYL PHTHALATE	UG/L	L 15	L 10	-	1	N-D	N-D
	PYRENE	UG/L	L 8	L 5	-	L 9	104	N-D
METALS	ANTIMONY	UG/L	L 1	2	-	J 10	10	6
	ARSENIC	UG/L	L 1	L 1	-	2	18	16
	CADMIUM	UG/L	9	9	-	54	120	35
	CHROMIUM	UG/L	19	8	58	87	2800	370
	COPPER	UG/L	12	4	67	61	4700	690
	CYANIDE	UG/L	L 10	40	-	30	20	L 10
	LEAD	UG/L	117	80	32	769	2300	260
	MERCURY	NG/L	L 1000	L 1000	-	L 1000	170000	35000
	NICKEL	UG/L	31	29	6	256	450	360
	SELENIUM	UG/L	L 1	L 1	-	J 10	26	4
	SILVER	UG/L	4	L 1	75	L 1	780	150
	ZINC	UG/L	81	43	47	118	11000	1200
NON-CONV. METALS	ALUMINUM	UG/L	3300	298	91	5830	NOT RUN	NOT RUN
	BARIUM	UG/L	77	19	75	343	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/13
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 54

SAMPLE DATE ENDING 80/04/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	BORON	UG/L	296	203	31	336	NOT RUN	NOT RUN
	CALCIUM	MG/L	24	13	46	3130	NOT RUN	NOT RUN
	IRON	UG/L	2830	253	91	4250	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	2	1	50	44	NOT RUN	NOT RUN
	MANGANESE	UG/L	226	116	49	208	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	L 35	L 35	-	110	NOT RUN	NOT RUN
	SODIUM	MG/L	105	34	68	21700	NOT RUN	NOT RUN
	TIN	UG/L	46	L 25	46	586	NOT RUN	NOT RUN
	TITANIUM	UG/L	53	9	83	32	NOT RUN	NOT RUN
	VANADIUM	UG/L	2	L 1	50	17	NOT RUN	NOT RUN
	YTTRIUM	UG/L	10	8	20	37	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/13
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 54

SAMPLE DATE ENDING 80/04/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	22	10	55	50	11900	2940
	TOTAL SUSP. SOLIDS	MG/L	116	83	28	3580	89000	7530
	COD	MG/L	60	8	88	3800	46000	5200
	OIL & GREASE	MG/L	15	L 5	67	5	652	140
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	45	10	78	640	1300	140
	TOTAL SOLIDS	MG/L	237	227	4	76100	90700	8280
	TOTAL DISS. SOLIDS	MG/L	121	144	-	72520	1700	750
	TOTAL VOLATILE SOLIDS	MG/L	83	67	19	5840	25500	4590
	AMMONIA NITROGEN	MG/L	2	3	-	T 1	82	9
	TOC	MG/L	27	21	22	1410	8340	2610
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	9	2	78	1	N-D	N-D
	CHLOROFORM	UG/L	7	1	86	L 10	N-D	N-D
	1,1-DICHLOROETHYLENE	UG/L	1	L 10	-	L 10	N-D	N-D
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 10	-	L 10	N-D	N-D
	ETHYLBENZENE	UG/L	L 10	L 10	-	L 10	17	2
	METHYLENE CHLORIDE	UG/L	1	1	-	1	N-D	N-D
	TETRACHLOROETHYLENE	UG/L	T 1	L 10	-	L 10	162	5
	TOLUENE	UG/L	3	L 10	-	600	489	214
	TRICHLOROETHYLENE	UG/L	L 10	L 10	-	L 10	16	2
ACID EXTRACT	2,4-DICHLOROPHENOL	UG/L	L 128	L 78	-	L 170	340	N-D
	PHENOL	UG/L	L 153	L 93	-	442	110	N-D
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 20	L 52	-	L 12	180	N-D
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	46	14	70	20	7500	880
	DI-N-BUTYL PHTHALATE	UG/L	4	2	50	3	N-D	94
	PYRENE	UG/L	L 20	L 52	-	L 12	120	N-D
METALS	ANTIMONY	UG/L	L 1	L 1	-	J 10	32	8
	ARSENIC	UG/L	L 1	L 1	-	2	84	21
	CADMIUM	UG/L	13	12	8	56	140	16
	CHROMIUM	UG/L	20	13	35	160	15000	2700
	COPPER	UG/L	11	6	45	72	23000	34000
	CYANIDE	UG/L	L 10	20	-	L 10	10	L 10
	LEAD	UG/L	132	96	27	868	18000	440
	MERCURY	NG/L	L 1000	L 1000	-	L 1000	380000	25000
	NICKEL	UG/L	33	36	-	304	4100	4200
	SELENIUM	UG/L	L 1	31	-	16	66	3
	SILVER	UG/L	2	L 1	50	L 1	2500	1300
	ZINC	UG/L	86	44	49	169	44000	26000
NON-CONV. METALS	ALUMINUM	UG/L	5730	630	89	7210	NOT RUN	NOT RUN
	BARIUM	UG/L	84	26	69	418	NOT RUN	NOT RUN
	BORON	UG/L	245	168	31	266	NOT RUN	NOT RUN
	CALCIUM	MG/L	25	12	52	3910	NOT RUN	NOT RUN
	COBALT	UG/L	L 50	L 50	-	144	NOT RUN	NOT RUN
	IRON	UG/L	4240	652	85	5280	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	2	2	-	60	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 54

SAMPLE DATE ENDING 80/04/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	MANGANESE	UG/L	224	176	21	242	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	L 35	L 35	-	140	NOT RUN	NOT RUN
	SODIUM	MG/L	87	24	72	20900	NOT RUN	NOT RUN
	TIN	UG/L	42	L 25	40	440	NOT RUN	NOT RUN
	TITANIUM	UG/L	99	14	86	40	NOT RUN	NOT RUN
	VANADIUM	UG/L	4	L 1	83	22	NOT RUN	NOT RUN
	YTTRIUM	UG/L	11	0	27	40	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/04/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 55

SAMPLE DATE ENDING 79/11/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT		TERTIARY EFFLUENT
CONVENTIONALS	BOD	MG/L	175	L	20	89	NOT RUN	L	20
	TOTAL SUSP. SOLIDS	MG/L	298		NOT RUN	-	NOT RUN		37
	COD	MG/L	758		207	73	NOT RUN	L	10
	OIL & GREASE	MG/L	55		3	95	NOT RUN		6
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	900	L	10	99	NOT RUN		270
	TOTAL VOL. SUS. SOLIDS	MG/L	119		NOT RUN	-	NOT RUN		29
	AMMONIA NITROGEN	MG/L	11	L	10	9	NOT RUN		2
	TOC	MG/L	170		80	53	NOT RUN		55
VOLATILES	BENZENE	UG/L	220	L	10	95	NOT RUN	L	10
	CHLOROBENZENE	UG/L	5	L	10	-	NOT RUN	L	10
	1,2-DICHLOROETHANE	UG/L	50	L	10	80	NOT RUN	L	10
	1,1,1-TRICHLOROETHANE	UG/L	16	L	10	38	NOT RUN	L	10
	CHLOROFORM	UG/L	990	L	10	99	NOT RUN	L	10
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L	10	-	NOT RUN	L	10
	ETHYLBENZENE	UG/L	23	L	10	57	NOT RUN	L	10
	METHYLENE CHLORIDE	UG/L	10	L	10	-	NOT RUN		3
	METHYL CHLORIDE	UG/L	25		31	-	NOT RUN	L	10
	TETRACHLOROETHYLENE	UG/L	22	L	10	55	NOT RUN	L	10
	TOLUENE	UG/L	164	L	10	94	NOT RUN	L	10
	TRICHLOROETHYLENE	UG/L	8	L	10	-	NOT RUN	L	10
BASE-NEUTRALS	3,3'-DICHLOROBENZIDINE	UG/L	19	L	14	26	NOT RUN	L	24
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	284		72	75	NOT RUN		246
	DI-N-BUTYL PHTHALATE	UG/L	4	L	14	-	NOT RUN	L	24
	DI-N-OCTYL PHTHALATE	UG/L	12		2	83	NOT RUN		11
METALS	ANTIMONY	UG/L	L 5		5	-	NOT RUN	L	5
	ARSENIC	UG/L	5		1	80	NOT RUN		1
	CHROMIUM	UG/L	510		90	82	NOT RUN		40
	COPPER	UG/L	80	L	10	88	NOT RUN	L	10
	CYANIDE	UG/L	15	L	10	33	NOT RUN	L	10
	MERCURY	NG/L	400	L	100	75	NOT RUN	L	100
	NICKEL	UG/L	110		30	73	NOT RUN	L	30
	SELENIUM	UG/L	8		6	25	NOT RUN		13
	SILVER	UG/L	6	L	2	67	NOT RUN	L	2
	THALLIUM	UG/L	10	L	5	50	NOT RUN	L	3
	ZINC	UG/L	880		130	85	NOT RUN		40
NON-CONV. METALS	ALUMINUM	UG/L	5900	L	100	98	NOT RUN		400
	BARIUM	UG/L	140		70	50	NOT RUN		130
	BORON	UG/L	260		280	-	NOT RUN		160
	CALCIUM	MG/L	82		76	7	NOT RUN		74
	IRON	UG/L	6100		1500	75	NOT RUN		7600
	MAGNESIUM	MG/L	18		16	11	NOT RUN		18
	MANGANESE	UG/L	440		430	2	NOT RUN		200
	SODIUM	MG/L	190		198	-	NOT RUN		144
	TITANIUM	UG/L	110	L	4	96	NOT RUN	L	4
	VANADIUM	UG/L	5	L	5	-	NOT RUN	L	5

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/06
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 55

SAMPLE DATE ENDING 79/11/06 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	TERTIARY EFFLUENT
NON-CONV. METALS	YTTRIUM	UG/L	L	100	L	100	-	NOT RUN	200

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/06
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 55

SAMPLE DATE ENDING 79/11/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT		TERTIARY EFFLUENT
CONVENTIONALS	BOD	MG/L	168	L	10	94	NOT RUN	L	10
	TOTAL SUSP. SOLIDS	MG/L	468		6	99	NOT RUN		34
	COD	MG/L	725	I	77	89	NOT RUN	I	229
	OIL & GREASE	MG/L	36		6	83	NOT RUN		25
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1100		25	98	NOT RUN		55
	TOTAL VOL. SUS. SOLIDS	MG/L	221		5	98	NOT RUN		13
	AMMONIA NITROGEN	MG/L	8	L	10	-	NOT RUN		1
	TOC	MG/L	190		60	68	NOT RUN		60
VOLATILES	BENZENE	UG/L	145	L	10	93	NOT RUN	L	10
	CHLOROBENZENE	UG/L	5	L	10	-	NOT RUN	L	10
	1,2-DICHLOROETHANE	UG/L	2910	L	10	100	NOT RUN	L	10
	1,1,1-TRICHLOROETHANE	UG/L	116	L	10	91	NOT RUN	L	10
	1,1-DICHLOROETHANE	UG/L	87	L	10	89	NOT RUN	L	10
	CHLOROETHANE	UG/L	330	L	10	97	NOT RUN		125
	CHLOROFORM	UG/L	1100	L	10	99	NOT RUN	L	10
	1,2-TRANS-DICHLOROETHYLENE	UG/L	21	L	10	52	NOT RUN	L	10
	ETHYLBENZENE	UG/L	31	L	10	68	NOT RUN		6
	METHYLENE CHLORIDE	UG/L	36		6	83	NOT RUN	L	10
	METHYL CHLORIDE	UG/L	25	L	10	60	NOT RUN	L	10
	TETRACHLOROETHYLENE	UG/L	110	L	10	91	NOT RUN	L	10
	TOLUENE	UG/L	2100	L	10	100	NOT RUN	L	10
	TRICHLOROETHYLENE	UG/L	16	L	10	38	NOT RUN	L	10
ACID EXTRACT	PHENOL	UG/L	15	L	57	-	NOT RUN	L	72
BASE-NEUTRALS	3,3'-DICHLOROBENZIDINE	UG/L	141	L	23	84	NOT RUN	L	23
	1,2-DIPHENYLHYDRAZINE	UG/L	4	L	23	-	NOT RUN	L	23
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	67		60	10	NOT RUN		184
	DI-N-BUTYL PHTHALATE	UG/L	L 19		3	-	NOT RUN		2
	DI-N-OCTYL PHTHALATE	UG/L	L 19		2	-	NOT RUN	L	23
	DIETHYL PHTHALATE	UG/L	L 19	L	23	-	NOT RUN		7
	DIMETHYL PHTHALATE	UG/L	12	L	22	-	NOT RUN	L	23
METALS	ANTIMONY	UG/L	5	L	5	-	NOT RUN		5
	ARSENIC	UG/L	6		6	-	NOT RUN		2
	CHROMIUM	UG/L	590		130	78	NOT RUN		50
	COPPER	UG/L	70	L	10	86	NOT RUN	L	10
	CYANIDE	UG/L	67	L	10	85	NOT RUN		15
	LEAD	UG/L	L 200	L	200	-	NOT RUN		200
	MERCURY	NG/L	400		200	50	NOT RUN		100
	NICKEL	UG/L	230		60	74	NOT RUN	L	30
	SELENIUM	UG/L	10	L	1	90	NOT RUN	L	1
	SILVER	UG/L	5	L	2	60	NOT RUN	L	2
	ZINC	UG/L	890		80	91	NOT RUN		30
NON-CONV. METALS	ALUMINUM	UG/L	5200		400	88	NOT RUN		600
	BARIUM	UG/L	120		60	50	NOT RUN		80
	BORON	UG/L	410		280	32	NOT RUN		140

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/07
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 55

SAMPLE DATE ENDING 79/11/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT		TERTIARY EFFLUENT
NON-CONV. METALS	CALCIUM	MG/L	116		71	39	NOT RUN		67
	IRON	UG/L	3700		1790	52	NOT RUN		1790
	MAGNESIUM	MG/L	20		16	20	NOT RUN		18
	MANGANESE	UG/L	437		389	11	NOT RUN		123
	SODIUM	MG/L	219		195	11	NOT RUN		133
	TITANIUM	UG/L	112		13	88	NOT RUN		21
	VANADIUM	UG/L	5	L	5	-	NOT RUN	L	5
	YTTRIUM	UG/L	700		400	43	NOT RUN		400

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/07
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 35

SAMPLE DATE ENDING 79/11/08 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	TERTIARY EFFLUENT
CONVENTIONALS	BOD	MG/L	180	45	75	NOT RUN	L 10
	TOTAL SUSP. SOLIDS	MG/L	883	46	95	NOT RUN	24
	COD	MG/L	639	239	63	1266	23
	OIL & GREASE	MG/L	47	73	-	NOT RUN	29
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	250	175	30	NOT RUN	210
	TOTAL VOL. SUS. SOLIDS	MG/L	343	28	92	NOT RUN	20
	AMMONIA NITROGEN	MG/L	7	1	86	NOT RUN	L 10
	TOC	MG/L	235	65	72	NOT RUN	45
VOLATILES	BENZENE	UG/L	110	L 10	91	4	L 10
	CHLOROBENZENE	UG/L	7	L 10	-	N-D	L 10
	1,2-DICHLOROETHANE	UG/L	4250	L 10	100	N-D	L 10
	1,1,1-TRICHLOROETHANE	UG/L	170	L 10	94	N-D	L 10
	1,1-DICHLOROETHANE	UG/L	73	L 10	86	N-D	L 10
	CHLOROETHANE	UG/L	440	110	75	NOT RUN	330
	CHLOROFORM	UG/L	670	L 10	99	367	L 10
	1,2-TRANS-DICHLOROETHYLENE	UG/L	14	L 10	38	NOT RUN	L 10
	ETHYLBENZENE	UG/L	13	L 10	23	4	L 10
	METHYLENE CHLORIDE	UG/L	13	2	85	10	2
	METHYL CHLORIDE	UG/L	11	L 10	9	NOT RUN	L 10
	TETRACHLOROETHYLENE	UG/L	68	L 10	85	16	L 10
	TOLUENE	UG/L	680	L 10	99	5	L 10
	TRICHLOROETHYLENE	UG/L	168	L 10	94	N-D	L 10
ACID EXTRACT	2,4,6-TRICHLOROPHENOL	UG/L	L 43	L 53	-	4	L 48
	2-CHLOROPHENOL	UG/L	L 43	L 53	-	2	L 48
	PHENOL	UG/L	41	L 43	-	23	L 57
BASE-NEUTRALS	3,3'-DICHLOROBENZIDINE	UG/L	79	L 12	85	NOT RUN	L 13
	1,2-DIPHENYLHYDRAZINE	UG/L	2	L 12	-	NOT RUN	L 13
	FLUORANTHENE	UG/L	L 11	L 6	-	1	L 6
	ISOPHORONE	UG/L	L 22	L 12	-	13	L 13
	NAPHTHALENE	UG/L	L 22	L 12	-	5	L 13
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	150	186	-	12	102
	BUTYL BENZYL PHTHALATE	UG/L	110	L 12	89	L 1	L 13
	DI-N-BUTYL PHTHALATE	UG/L	6	3	50	1	2
	DI-N-OCTYL PHTHALATE	UG/L	L 22	4	-	L 1	4
	CHRYSENE	UG/L	L 11	L 6	-	2	L 6
	ANTHRACENE	UG/L	L 22	L 12	-	2	L 13
	PHENANTHRENE	UG/L	L 22	L 12	-	2	L 13
METALS	ARSENIC	UG/L	15	25	-	15	5
	BERYLLIUM	UG/L	L 10	L 10	-	1	L 10
	CADMIUM	UG/L	L 100	L 100	-	7	L 100
	CHROMIUM	UG/L	2540	130	95	40	20
	COPPER	UG/L	220	30	86	69	L 10
	CYANIDE	UG/L	85	L 10	88	NOT RUN	L 10
	LEAD	UG/L	500	L 200	60	98	L 200
	MERCURY	MG/L	600	100	83	3000	L 100

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/08

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 57

SAMPLE DATE ENDING 79/12/05 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	312	12	96	NOT RUN	9075	6300
	TOTAL SUSP. SOLIDS	MG/L	760	14	98	NOT RUN	38100	15400
	COD	MG/L	1494	5	100	NOT RUN	G 30000	G 30000
	OIL & GREASE	MG/L	562	34	94	NOT RUN	11570	6750
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	200	85	57	NOT RUN	700	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	450	12	98	NOT RUN	29900	11100
	AMMONIA NITROGEN	MG/L	7	6	14	NOT RUN	I 0	I 0
	TOC	MG/L	445	115	74	NOT RUN	I 0	I 0
VOLATILES	BENZENE	UG/L	8	L 10	-	NOT RUN	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	50	10	80	NOT RUN	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	6	6	-	NOT RUN	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	39	3	93	NOT RUN	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	9	L 10	-	NOT RUN	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	23	19	17	NOT RUN	NOT RUN	NOT RUN
	METHYL CHLORIDE	UG/L	220	L 10	95	NOT RUN	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	29	L 10	66	NOT RUN	NOT RUN	NOT RUN
	TOLUENE	UG/L	55	1	98	NOT RUN	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	250	27	89	NOT RUN	NOT RUN	NOT RUN
	VINYL CHLORIDE	UG/L	42000	3400	94	NOT RUN	NOT RUN	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	17	16	6	NOT RUN	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	5	L 1	80	NOT RUN	50	150
	ARSENIC	UG/L	4	2	50	NOT RUN	350	250
	BERYLLIUM	UG/L	L 1	L 1	-	NOT RUN	9	8
	CADMIUM	UG/L	1370	37	97	NOT RUN	67400	51600
	CHROMIUM	UG/L	2020	32	98	NOT RUN	101000	82200
	COPPER	UG/L	913	32	96	NOT RUN	59400	44600
	CYANIDE	UG/L	40	L 10	75	NOT RUN	280	20
	LEAD	UG/L	126	L 80	37	NOT RUN	14400	11900
	MERCURY	NG/L	5000	L 1000	80	NOT RUN	9000	114000
	NICKEL	UG/L	551	199	64	NOT RUN	24800	21800
	SELENIUM	UG/L	L 2	L 2	-	NOT RUN	100	75
	SILVER	UG/L	20	L 1	95	NOT RUN	750	750
	ZINC	UG/L	4750	365	92	NOT RUN	281000	216000
NON-CONV. METALS	ALUMINUM	UG/L	4150	231	94	NOT RUN	240000	224000
	BARIUM	UG/L	332	17	95	NOT RUN	2340	3300
	BORON	UG/L	708	613	13	NOT RUN	523	583
	CALCIUM	MG/L	50	19	62	NOT RUN	590	643
	COBALT	UG/L	L 100	L 100	-	NOT RUN	184	175
	IRON	UG/L	9130	176	98	NOT RUN	501000	451000
	MAGNESIUM	MG/L	17	15	12	NOT RUN	120	183
	MANGANESE	UG/L	357	168	53	NOT RUN	8740	7630
	MOLYBDENUM	UG/L	L 70	L 70	-	NOT RUN	1590	1600
	SODIUM	MG/L	117	122	-	NOT RUN	L 75	184
	TIN	UG/L	102	L 50	51	NOT RUN	3980	2830
	TITANIUM	UG/L	58	L 4	93	NOT RUN	2860	2940

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/05
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 55

SAMPLE DATE ENDING 79/11/08 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL		OTHER INFLUENT		TERTIARY EFFLUENT
METALS	NICKEL	UG/L		450		60	87		354	L	30
	SELENIUM	UG/L	L	1		6	-	L	4		4
	SILVER	UG/L		7	L	2	71		10	L	2
	THALLIUM	UG/L	L	3		9	-	L	50	L	3
	ZINC	UG/L		1150		50	96		173	L	9
NON-CONV. METALS	ALUMINUM	UG/L		5300		300	94		2837		300
	BARIUM	UG/L		320		20	94		143		80
	BORON	UG/L		410		240	37		177		270
	CALCIUM	MG/L		340		77	77		171700		70
	COBALT	UG/L	L	50	L	50	-		20	L	50
	IRON	UG/L		37600		1480	96		2909		1300
	MAGNESIUM	MG/L		24		17	29		16430		19
	MANGANESE	UG/L		980		428	56		549		112
	MOLYBDENUM	UG/L	L	150	L	150	-		20	L	150
	SODIUM	MG/L		210		210	-		259422		142
	TIN	UG/L	L	600	L	600	-		14	L	600
	TITANIUM	UG/L		292		8	97		188	L	4
	VANADIUM	UG/L		17	L	5	71		190	L	5
	YTTRIUM	UG/L		100		500	-		15		400

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POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/08

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N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 85

SAMPLE DATE ENDING 79/11/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	TERTIARY EFFLUENT
CONVENTIONALS	BOD	MG/L	135	L 5	96	NOT RUN	L 25
	TOTAL SUSP. SOLIDS	MG/L	428	9	98	NOT RUN	13
	COD	MG/L	724	185	75	NOT RUN	153
	OIL & GREASE	MG/L	16	6	63	NOT RUN	12
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	350	65	81	NOT RUN	56
	TOTAL VOL. SUS. SOLIDS	MG/L	196	7	96	NOT RUN	7
	AMMONIA NITROGEN	MG/L	4	1	75	NOT RUN	L 10
	TOC	MG/L	305	60	80	NOT RUN	45
VOLATILES	BENZENE	UG/L	200	L 10	95	NOT RUN	L 10
	CHLOROBENZENE	UG/L	3	L 10	-	NOT RUN	L 10
	1,2-DICHLOROETHANE	UG/L	1020	L 10	99	NOT RUN	L 10
	1,1,1-TRICHLOROETHANE	UG/L	110	L 10	91	NOT RUN	L 10
	CHLOROETHANE	UG/L	370	660	-	NOT RUN	210
	CHLOROFORM	UG/L	635	L 10	98	NOT RUN	1
	1,2-TRANS-DICHLOROETHYLENE	UG/L	8	L 10	-	NOT RUN	L 10
	ETHYLBENZENE	UG/L	46	L 10	78	NOT RUN	L 10
	METHYLENE CHLORIDE	UG/L	5	1	80	NOT RUN	2
	METHYL CHLORIDE	UG/L	10	L 10	-	NOT RUN	L 10
	TETRACHLOROETHYLENE	UG/L	20	L 10	50	NOT RUN	L 10
	TOLUENE	UG/L	500	L 10	98	NOT RUN	L 10
	TRICHLOROETHYLENE	UG/L	34	L 10	71	NOT RUN	L 10
ACID EXTRACT	PHENOL	UG/L	58	L 38	34	NOT RUN	L 54
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	55	56	-	NOT RUN	22
METALS	ANTIMONY	UG/L	10	L 5	50	NOT RUN	L 5
	CHROMIUM	UG/L	1500	140	91	NOT RUN	40
	COPPER	UG/L	160	L 10	94	NOT RUN	L 10
	CYANIDE	UG/L	190	L 10	95	NOT RUN	L 10
	LEAD	UG/L	300	L 200	33	NOT RUN	L 200
	MERCURY	MG/L	200	L 100	50	NOT RUN	L 100
	NICKEL	UG/L	270	50	81	NOT RUN	L 30
	SELENIUM	UG/L	1	L 1	-	NOT RUN	L 1
	SILVER	UG/L	4	L 2	50	NOT RUN	L 2
	ZINC	UG/L	810	90	89	NOT RUN	10
NON-CONV. METALS	ALUMINUM	UG/L	2100	300	86	NOT RUN	200
	BARIUM	UG/L	250	40	84	NOT RUN	80
	BORON	UG/L	390	250	36	NOT RUN	190
	CALCIUM	MG/L	134	73	46	NOT RUN	72
	IRON	UG/L	9150	1870	80	NOT RUN	1450
	MAGNESIUM	MG/L	19	17	11	NOT RUN	20
	MANGANESE	UG/L	787	413	48	NOT RUN	127
	SODIUM	MG/L	190	205	-	NOT RUN	150
	TITANIUM	UG/L	100	14	86	NOT RUN	7
	VANADIUM	UG/L	5	L 5	-	NOT RUN	L 5
	YTTRIUM	UG/L	L 100	400	-	NOT RUN	400

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/09

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N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 55

SAMPLE DATE ENDING 79/11/10 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT		TERTIARY EFFLUENT
CONVENTIONALS	BOD	MG/L	150	L	10	93	NOT RUN	L	10
	TOTAL SUSP. SOLIDS	MG/L	270		11	96	NOT RUN		7
	COD	MG/L	483		218	55	NOT RUN	L	10
	OIL & GREASE	MG/L	42		23	45	NOT RUN		12
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	20	L	10	50	NOT RUN		25
	TOTAL VOL. SUS. SOLIDS	MG/L	140		6	96	NOT RUN		4
	AMMONIA NITROGEN	MG/L	8		2	75	NOT RUN	L	1
	TOC	MG/L	150		50	68	NOT RUN		50
VOLATILES	BENZENE	UG/L	195	L	10	95	NOT RUN	L	10
	CHLOROBENZENE	UG/L	1	L	10	-	NOT RUN	L	10
	1,2-DICHLOROETHANE	UG/L	13000	L	10	100	NOT RUN	L	10
	1,1,1-TRICHLOROETHANE	UG/L	66	L	10	85	NOT RUN	L	10
	CHLOROETHANE	UG/L	600		350	42	NOT RUN		240
	CHLOROFORM	UG/L	720	L	10	99	NOT RUN	L	10
	1,2-TRANS-DICHLOROETHYLENE	UG/L	4	L	10	-	NOT RUN	L	10
	ETHYLBENZENE	UG/L	15	L	10	33	NOT RUN	L	10
	METHYLENE CHLORIDE	UG/L	12		2	83	NOT RUN		11
	TETRACHLOROETHYLENE	UG/L	22	L	10	55	NOT RUN	L	10
	TOLUENE	UG/L	440	L	10	98	NOT RUN	L	10
	TRICHLOROETHYLENE	UG/L	12	L	10	17	NOT RUN	L	10
ACID EXTRACT	PHENOL	UG/L	90	L	145	-	NOT RUN	L	81
BASE-NEUTRALS	3,3'-DICHLOROBENZIDINE	UG/L	269	L	42	80	NOT RUN	L	21978
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	133		13	90	NOT RUN		84
	DI-N-BUTYL PHTHALATE	UG/L	17	L	42	-	NOT RUN	L	21978
METALS	ARSENIC	UG/L	3	L	1	67	NOT RUN	L	1
	CHROMIUM	UG/L	1230		150	88	NOT RUN		30
	COPPER	UG/L	160	L	10	94	NOT RUN	L	10
	CYANIDE	UG/L	72	L	10	86	NOT RUN	L	10
	LEAD	UG/L	300	L	200	33	NOT RUN	L	200
	MERCURY	MG/L	L 100		200	-	NOT RUN	L	100
	NICKEL	UG/L	130		60	54	NOT RUN	L	30
	SELENIUM	UG/L	2		2	-	NOT RUN		3
	SILVER	UG/L	4	L	2	50	NOT RUN	L	2
	ZINC	UG/L	990		90	91	NOT RUN		30
NON-CONV. METALS	ALUMINUM	UG/L	2400		300	88	NOT RUN		300
	BARIUM	UG/L	180		40	78	NOT RUN		100
	BORON	UG/L	310		320	-	NOT RUN		210
	CALCIUM	MG/L	103		79	23	NOT RUN		69
	IRON	UG/L	7320		1950	73	NOT RUN		2040
	MAGNESIUM	MG/L	20		18	10	NOT RUN		19
	MANGANESE	UG/L	487		443	9	NOT RUN		157
	SODIUM	MG/L	214		220	-	NOT RUN		139
	TITANIUM	UG/L	110		14	87	NOT RUN		12
	YTTRIUM	UG/L	500		400	20	NOT RUN		300

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/10
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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 55

SAMPLE DATE ENDING 79/11/11 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	TERTIARY EFFLUENT
CONVENTIONALS	BOD	MG/L	165	L 10	94	NOT RUN	L 10
	TOTAL SUSP. SOLIDS	MG/L	370	9	98	NOT RUN	11
	COD	MG/L	564	I 56	90	1320	I 239
	OIL & GREASE	MG/L	26	11	58	NOT RUN	9
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	2130	L 10	100	NOT RUN	30
	TOTAL VOL. SUS. SOLIDS	MG/L	206	8	96	NOT RUN	7
	AMMONIA NITROGEN	MG/L	7	1	86	NOT RUN	1
	TOC	MG/L	145	55	62	NOT RUN	40
VOLATILES	BENZENE	UG/L	230	13	94	3	L 10
	CHLOROBENZENE	UG/L	10	2	80	N-D	L 10
	1,2-DICHLOROETHANE	UG/L	2750	L 10	100	N-D	L 10
	1,1,1-TRICHLOROETHANE	UG/L	55	L 10	82	N-D	L 10
	CHLOROETHANE	UG/L	120	160	-	NOT RUN	440
	CHLOROFORM	UG/L	780	106	86	280	L 10
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	L 10	-	NOT RUN	L 10
	ETHYLBENZENE	UG/L	26	L 10	62	10	L 10
	METHYLENE CHLORIDE	UG/L	4	2	50	8	1
	CHLORODIBROMOMETHANE	UG/L	L 10	L 10	-	6	L 10
	TETRACHLOROETHYLENE	UG/L	58	L 10	83	16	L 10
	TOLUENE	UG/L	1090	140	87	14	L 10
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	L 64	L 53	-	2	L 187
	PHENOL	UG/L	27	L 63	-	N-D	L 224
BASE-NEUTRALS	3,3'-DICHLOROBENZIDINE	UG/L	92	L 21	77	NOT RUN	L 70
	FLUORANTHENE	UG/L	L 8	L 11	-	2	L 35
	NAPHTHALENE	UG/L	L 17	L 21	-	4	L 70
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	51	53	-	2	154
	DI-N-BUTYL PHTHALATE	UG/L	L 17	L 21	-	L 1	3
	DI-N-OCTYL PHTHALATE	UG/L	L 17	L 21	-	N-D	4
	CHRYSENE	UG/L	L 8	L 11	-	4	L 35
	ANTHRACENE	UG/L	L 17	L 21	-	3	L 70
	PHENANTHRENE	UG/L	L 17	L 21	-	3	L 70
	PYRENE	UG/L	L 8	L 11	-	1	L 35
METALS	ARSENIC	UG/L	L 1	1	-	9	6
	BERYLLIUM	UG/L	L 10	L 10	-	1	L 10
	CADMIUM	UG/L	L 100	L 100	-	6	L 100
	CHROMIUM	UG/L	1140	130	89	58	30
	COPPER	UG/L	140	L 10	93	72	L 10
	CYANIDE	UG/L	75	L 10	87	NOT RUN	L 10
	LEAD	UG/L	200	L 200	-	89	L 200
	MERCURY	NG/L	200	L 100	50	L 1000	200
	NICKEL	UG/L	120	60	50	327	L 30
	SELENIUM	UG/L	6	6	-	L 4	L 1
	SILVER	UG/L	4	L 2	50	10	L 2
	THALLIUM	UG/L	L 3	L 3	-	L 50	3
	ZINC	UG/L	850	120	86	380	L 9

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/11

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N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 55

SAMPLE DATE-ENDING 79/11/11 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT		TERTIARY EFFLUENT
NON-CONV. METALS	ALUMINUM	UG/L		2300		300	87	3149		100
	BARIUM	UG/L		160		50	69	185		100
	BORON	UG/L		350		250	29	179		180
	CALCIUM	MG/L		100		74	26	163500		66
	COBALT	UG/L	L	50	L	50	-	20	L	50
	IRON	UG/L		7090		1530	78	3415		1070
	MAGNESIUM	MG/L		20		17	15	17060		18
	MANGANESE	UG/L		506		413	18	512		113
	MOLYBDENUM	UG/L	L	150	L	150	-	25	L	150
	SODIUM	MG/L		215		205	5	209122		134
	TIN	UG/L	L	600	L	600	-	19	L	600
	TITANIUM	UG/L		110		14	87	190		7
	VANADIUM	UG/L	L	5	L	5	-	198	L	5
	YTTRIUM	UG/L		600		400	33	14		300

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/11
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D-NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 56

SAMPLE DATE ENDING 79/11/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	168	L 20	88	70	15000	190
	TOTAL SUSP. SOLIDS	MG/L	500	2	100	204	77500	1420
	COD	MG/L	381	45	88	201	95800	1005
	OIL & GREASE	MG/L	NOT RUN	5	-	22	9260	151
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	70	55	21	80	I 0	56
	TOTAL VOL. SUS. SOLIDS	MG/L	225	2	99	90	32600	600
	AMMONIA NITROGEN	MG/L	11	5	55	10	I 0	7
	TOC	MG/L	145	110	24	60	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	2	1	50	1	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	1	9	-	40	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	L 10	1	-	L 10	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	4	T 1	75	5	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	2	3	-	3	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	30	3	90	10	NOT RUN	NOT RUN
	TOLUENE	UG/L	5	L 10	-	4	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	40	10	75	L 10	NOT RUN	NOT RUN
ACID EXTRACT	PHENOL	UG/L	5	L 30	-	L 30	NOT RUN	NOT RUN
BASE-NEUTRALS	FLUORANTHENE	UG/L	2	L 5	-	L 5	NOT RUN	NOT RUN
	NAPHTHALENE	UG/L	10	L 10	-	L 10	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	6	3	50	1	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	2	T 1	50	T 1	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	1	L 10	-	L 10	NOT RUN	NOT RUN
	1,2-BENZANTHRACENE	UG/L	2	L 5	-	L 5	NOT RUN	NOT RUN
	CHRYSENE	UG/L	2	L 5	-	L 5	NOT RUN	NOT RUN
	ACENAPHTHYLENE	UG/L	2	L 10	-	L 10	NOT RUN	NOT RUN
	ANTHRACENE	UG/L	9	L 10	-	L 10	NOT RUN	NOT RUN
	PHENANTHRENE	UG/L	9	L 10	-	L 10	NOT RUN	NOT RUN
	PYRENE	UG/L	5	L 5	-	L 5	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	L 5	L 5	-	L 5	45	L 5
	ARSENIC	UG/L	23	5	78	5	3000	42
	CADMIUM	UG/L	L 100	L 100	-	L 100	9700	L 100
	CHROMIUM	UG/L	770	20	97	200	65600	1700
	COPPER	UG/L	320	10	97	160	68800	1420
	CYANIDE	UG/L	88	L 10	89	37	I 0	210
	LEAD	UG/L	700	300	57	400	71900	1400
	MERCURY	MG/L	100	L 100	-	100	49600	1000
	NICKEL	UG/L	215	40	81	90	16500	530
	SELENIUM	UG/L	6	L 1	83	L 1	L 5	L 1
	SILVER	UG/L	3	L 2	33	3	920	380
	THALLIUM	UG/L	L 3	6	-	L 3	40	L 3
	ZINC	UG/L	9000	600	93	3700	5180000	35000
NON-CONV. METALS	ALUMINUM	UG/L	17400	200	99	4400	2720000	55700
	BARIUM	UG/L	240	110	54	180	29900	660
	BORON	UG/L	190	360	-	260	L 50	L 10

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 56

SAMPLE DATE ENDING 79/11/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	CALCIUM	MG/L	101	109	-	112	1210	142
	COBALT	UG/L	L 50	L 50	-	L 50	2820	50
	IRON	UG/L	247000	560	100	62000	9999999	4630000
	MAGNESIUM	MG/L	30	29	3	30	195	35
	MANGANESE	UG/L	1530	402	74	685	29700	1500
	MOLYBDENUM	UG/L	L 150	L 150	-	L 150	10900	300
	SODIUM	MG/L	116	113	3	112	L 1	119
	TIN	UG/L	L 500	L 500	-	L 500	80000	L 500
	TITANIUM	UG/L	26	L 4	85	5	2930	87
	VANADIUM	UG/L	L 5	L 5	-	5	1040	L 5
	YTTRIUM	UG/L	L 100	L 100	-	L 100	1400	100

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 56

SAMPLE DATE ENDING 79/11/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	130	L 30	77	L 40	NOT RUN	150
	TOTAL SUSP. SOLIDS	MG/L	310	8	97	176	66800	1490
	COD	MG/L	301	25	92	100	NOT RUN	1205
	OIL & GREASE	MG/L	36	4	89	6	5400	100
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	210	140	33	50	I 0	150
	TOTAL VOL. SUS. SOLIDS	MG/L	140	7	95	73	22900	630
	AMMONIA NITROGEN	MG/L	6	4	33	5	I 0	7
	TOC	MG/L	65	85	-	130	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	T 1	1	-	L 10	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	10	6	40	30	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	5	T 1	80	5	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	4	8	-	10	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	L 10	3	-	9	NOT RUN	NOT RUN
	TOLUENE	UG/L	2	T 1	50	1	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	110	40	64	180	NOT RUN	NOT RUN
ACID EXTRACT	PHENOL	UG/L	6	L 30	-	L 30	NOT RUN	NOT RUN
BASE-NEUTRALS	1,3-DICHLOROBENZENE	UG/L	1	L 10	-	L 10	NOT RUN	NOT RUN
	NAPHTHALENE	UG/L	1	L 10	-	L 10	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	5	L 10	-	2	NOT RUN	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	2	L 10	-	L 10	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	2	L 10	-	1	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	3	1	67	2	NOT RUN	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	T 1000	T 1000	-	2000	NOT RUN	NOT RUN
METALS	ARSENIC	UG/L	10	1	90	3	1280	50
	CADMIUM	UG/L	L 100	L 100	-	100	6500	350
	CHROMIUM	UG/L	340	50	85	130	42900	1460
	COPPER	UG/L	280	10	96	100	38300	1550
	CYANIDE	UG/L	25	15	40	40	I 0	135
	LEAD	UG/L	800	L 200	75	500	44600	1800
	MERCURY	NG/L	200	L 100	50	100	5200	1100
	NICKEL	UG/L	270	105	61	150	10600	470
	SILVER	UG/L	3	L 2	33	L 2	670	320
	ZINC	UG/L	8200	700	91	4200	515000	39000
NON-CONV. METALS	ALUMINUM	UG/L	9900	200	98	28000	1620000	50500
	BARIUM	UG/L	450	260	42	280	18000	970
	BORON	UG/L	650	620	5	660	L 10	200
	CALCIUM	MG/L	104	111	-	113	728	135
	COBALT	UG/L	L 50	L 50	-	L 50	1480	L 50
	IRON	UG/L	153000	866	99	65500	9999999	454000
	MAGNESIUM	MG/L	31	30	3	30	110	33
	MANGANESE	UG/L	1710	727	57	1060	18500	1640
	MOLYBDENUM	UG/L	L 150	L 150	-	L 150	5300	150
	SODIUM	MG/L	108	125	-	121	L 1	110

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 56

SAMPLE DATE ENDING 79/11/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	TIN	UG/L	L 500	L 500	-	L 500	11000	L 500
	TITANIUM	UG/L	18	L 4	78	L 4	1680	53
	VANADIUM	UG/L	5	L 5	-	L 5	590	23
	YTTRIUM	UG/L	L 100	L 100	-	L 100	4500	100

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/15
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 56

SAMPLE DATE ENDING 79/11/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	126	L 10	92	70	NOT RUN	450
	TOTAL SUSP. SOLIDS	MG/L	397	4	99	170	75400	2530
	COD	MG/L	331	12	96	120	NOT RUN	1709
	OIL & GREASE	MG/L	40	8	80	16	7260	120
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	87	90	-	135	I 0	290
	TOTAL VOL. SUS. SOLIDS	MG/L	186	2	99	62	29300	1000
	AMMONIA NITROGEN	MG/L	10	4	60	5	I 0	5
	TOC	MG/L	85	60	29	NOT RUN	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	2	1	50	L 10	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	4	3	25	10	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	T 1	67	5	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	1	2	-	2	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	3	1	67	10	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	10	2	80	10	NOT RUN	NOT RUN
	TOLUENE	UG/L	4	T 1	75	4	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	50	40	20	L 10	NOT RUN	NOT RUN
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	L 25	L 25	-	2	NOT RUN	NOT RUN
	PHENOL	UG/L	2	L 30	-	L 30	NOT RUN	NOT RUN
BASE-NEUTRALS	NAPHTHALENE	UG/L	10	L 10	-	L 10	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	10	T 1	90	2	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	5	1	80	2	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	4	1	75	2	NOT RUN	NOT RUN
METALS	ARSENIC	UG/L	14	2	86	3	2950	164
	CADMIUM	UG/L	100	L 100	-	L 100	10600	400
	CHROMIUM	UG/L	440	40	91	90	67400	1660
	COPPER	UG/L	370	10	97	110	74000	2020
	CYANIDE	UG/L	55	50	9	50	I 0	162
	LEAD	UG/L	L 200	L 200	-	L 200	76400	2600
	MERCURY	MG/L	200	L 100	50	L 100	58800	1500
	NICKEL	UG/L	180	150	17	170	13800	591
	SELENIUM	UG/L	L 1	26	-	L 1	120	L 1
	SILVER	UG/L	4	L 2	50	L 2	740	21
	THALLIUM	UG/L	L 3	L 3	-	L 3	L 15	10
	ZINC	UG/L	4200	3800	10	4200	960000	48000
NON-CONV. METALS	ALUMINUM	UG/L	19400	200	99	2000	2780000	60100
	BARIUM	UG/L	270	150	44	140	31200	920
	BORON	UG/L	200	360	-	320	L 50	L 10
	CALCIUM	MG/L	104	114	-	107	1150	131
	COBALT	UG/L	L 50	L 50	-	L 50	2000	100
	IRON	UG/L	122000	3640	97	9010	9999999	690000
	MAGNESIUM	MG/L	31	31	-	30	197	33
	MANGANESE	UG/L	945	1150	-	1150	28000	1930
	MOLYBDENUM	UG/L	L 150	L 150	-	L 150	10500	350
	SODIUM	MG/L	115	126	-	120	L 1	109

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L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 56

SAMPLE DATE ENDING 79/11/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	TIN	UG/L	L 500	L 500	-	L 500	17500	L 500
	TITANIUM	UG/L	L 4	L 4	-	L 4	2550	67
	VANADIUM	UG/L	L 5	L 5	-	10	1170	56
	YTTRIUM	UG/L	L 100	L 100	-	L 100	1400	100

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/16
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 56

SAMPLE DATE ENDING 79/11/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	L 40	L 10	-	L 10	NOT RUN	252
	TOTAL SUSP. SOLIDS	MG/L	370	3	99	164	70700	2600
	COD	MG/L	623	I 1666	-	I 928	NOT RUN	1045
	OIL & GREASE	MG/L	28	10	64	18	7700	130
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	580	20	97	100	I 0	84
	TOTAL VOL. SUS. SOLIDS	MG/L	160	2	99	65	27700	1000
	AMMONIA NITROGEN	MG/L	8	3	63	13	I 0	13
	TOC	MG/L	130	NOT RUN	-	85	NOT RUN	435
VOLATILES	BENZENE	UG/L	2	1	50	2	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	1	6	-	20	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	5	T 1	80	5	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	2	T 1	50	1	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	20	2	90	5	NOT RUN	NOT RUN
	TOLUENE	UG/L	4	T 1	75	7	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	40	20	50	40	NOT RUN	NOT RUN
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	L 25	L 25	-	7	NOT RUN	NOT RUN
	PHENOL	UG/L	6	L 30	-	2	NOT RUN	NOT RUN
BASE-NEUTRALS	HEXACHLOROBENZENE	UG/L	10	L 10	-	3	NOT RUN	NOT RUN
	NAPHTHALENE	UG/L	2	L 10	-	L 10	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	20	1	95	3	NOT RUN	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	2	L 10	-	L 10	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	1	T 1	-	1	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	4	1	75	3	NOT RUN	NOT RUN
	ANTHRACENE	UG/L	2	L 10	-	L 10	NOT RUN	NOT RUN
	PHENANTHRENE	UG/L	2	L 10	-	L 10	NOT RUN	NOT RUN
	PYRENE	UG/L	1	L 5	-	L 5	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	L 5	L 5	-	L 5	42	L 5
	ARSENIC	UG/L	38	5	87	7	1020	54
	CADMIUM	UG/L	L 100	L 100	-	L 100	3700	300
	CHROMIUM	UG/L	620	40	94	130	20500	990
	COPPER	UG/L	190	10	95	80	17800	11700
	CYANIDE	UG/L	95	37	61	L 10	I 0	165
	LEAD	UG/L	1000	400	60	400	24200	1500
	MERCURY	NG/L	300	L 100	67	L 100	45600	600
	NICKEL	UG/L	240	120	50	120	4760	340
	SELENIUM	UG/L	5	L 1	80	4	40	L 1
	SILVER	UG/L	7	L 2	71	3	750	270
	THALLIUM	UG/L	L 3	3	-	3	30	L 3
	ZINC	UG/L	8500	2000	76	3400	270000	23500
NON-CONV. METALS	ALUMINUM	UG/L	20000	300	98	2900	706000	30600
	BARIUM	UG/L	190	100	47	150	8900	530
	BORON	UG/L	110	360	-	300	L 10	L 10
	CALCIUM	MG/L	100	111	-	108	365	123
	COBALT	UG/L	L 50	L 50	-	L 50	3700	300

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/17
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 56

SAMPLE DATE ENDING 79/11/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	IRON	UG/L	173000	660	100	62500	4730000	422000
	MAGNESIUM	MG/L	30	32	-	31	79	34
	MANGANESE	UG/L	882	972	-	754	8180	1350
	MOLYBDENUM	UG/L	150	150	-	150	2900	250
	SODIUM	MG/L	131	129	2	130	55	128
	TITANIUM	UG/L	13	L 4	69	L 4	840	31
	VANADIUM	UG/L	L 5	L 5	-	L 5	160	5
	YTTRIUM	UG/L	L 100	L 100	-	L 100	2000	L 100

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/17
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 56

SAMPLE DATE ENDING 79/11/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	70	L 10	86	L 10	NOT RUN	325
	TOTAL SUSP. SOLIDS	MG/L	750	8	99	109	73000	2990
	COD	MG/L	471	I 1525	-	I 10	NOT RUN	6912
	OIL & GREASE	MG/L	40	7	82	19	5130	60
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	180	40	78	150	I 0	210
	TOTAL VOL. SUS. SOLIDS	MG/L	280	6	98	54	27500	1170
	AMMONIA NITROGEN	MG/L	11	7	36	11	I 0	11
	TOC	MG/L	98	NOT RUN	-	105	NOT RUN	535
VOLATILES	BENZENE	UG/L	2	1	50	1	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	2	2	-	5	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	8	T 1	88	5	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	2	1	50	4	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	10	1	90	5	NOT RUN	NOT RUN
	TOLUENE	UG/L	4	T 1	75	1	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	50	20	60	40	NOT RUN	NOT RUN
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	L 25	L 25	-	4	NOT RUN	NOT RUN
	PHENOL	UG/L	8	L 30	-	L 30	NOT RUN	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	5	1	80	130	NOT RUN	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	4	L 10	-	L 10	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	2	T 1	50	T 1	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	6	1	83	1	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	L 5	L 5	-	L 5	190	L 5
	ARSENIC	UG/L	64	2	97	3	2350	84
	CADMIUM	UG/L	L 100	L 100	-	L 100	3500	400
	CHROMIUM	UG/L	1020	40	96	200	22300	1390
	COPPER	UG/L	290	20	93	80	22600	1690
	CYANIDE	UG/L	95	55	42	L 10	I 0	160
	LEAD	UG/L	1000	L 200	80	L 200	28000	2000
	MERCURY	MG/L	L 100	L 100	-	L 100	58800	1000
	NICKEL	UG/L	200	90	55	90	5530	490
	SELENIUM	UG/L	L 1	34	-	L 1	180	L 1
	SILVER	UG/L	2	L 2	-	L 2	830	6
	THALLIUM	UG/L	L 3	L 3	-	L 3	L 15	10
	ZINC	UG/L	8500	1000	88	2500	430000	42000
NON-CONV. METALS	ALUMINUM	UG/L	90200	L 100	100	3300	904000	48400
	BARIUM	UG/L	230	80	65	140	10800	820
	BORON	UG/L	40	260	-	300	L 50	L 10
	CALCIUM	MG/L	107	99	7	99	422	127
	COBALT	UG/L	L 50	L 50	-	L 50	350	L 50
	IRON	UG/L	205000	850	100	29300	5590000	682000
	MAGNESIUM	MG/L	33	29	12	29	85	33
	MANGANESE	UG/L	1030	547	47	388	9810	1300
	MOLYBDENUM	UG/L	L 150	L 150	-	L 150	2900	350
	SODIUM	MG/L	211	121	43	129	21	103

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/18
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DAILY ANALYTICAL RESULTS

PLANT 56

SAMPLE DATE ENDING 79/11/18 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	TIN	UG/L	L 500	L 500	-	L 500	7000	L 500
	TITANIUM	UG/L	10	L 4	60	515	1070	29
	VANADIUM	UG/L	15	L 5	67	L 5	460	35
	YTTRIUM	UG/L	L 100	L 100	-	L 100	500	L 100

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/18
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 56

SAMPLE DATE ENDING 79/11/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	L 30	L 10	-	L 10	NOT RUN	162
	TOTAL SUSP. SOLIDS	MG/L	250	2	99	179	84900	1759
	COD	MG/L	249	I 1080	-	I 10	17100	1640
	OIL & GREASE	MG/L	60	26	57	22	5340	130
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	390	60	85	80	I 0	340
	TOTAL VOL. SUS. SOLIDS	MG/L	175	2	99	156	32000	678
	AMMONIA NITROGEN	MG/L	8	4	50	11	I 0	10
	TOC	MG/L	85	20	76	130	NOT RUN	380
VOLATILES	BENZENE	UG/L	2	L 10	-	1	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	L 10	2	-	7	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	1	1	-	2	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	3	1	67	10	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	L 10	1	-	L 10	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	8	1	88	7	NOT RUN	NOT RUN
	TOLUENE	UG/L	1	T 1	-	1	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	60	40	33	70	NOT RUN	NOT RUN
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	L 25	L 25	-	2	NOT RUN	NOT RUN
	PHENOL	UG/L	5	L 30	-	1	NOT RUN	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	3	L 10	-	2	NOT RUN	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	1	1	-	L 10	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	1	T 1	-	1	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	2	L 10	-	2	NOT RUN	NOT RUN
PESTICIDES	GAMMA-BHC	NG/L	T 1000	T 1000	-	1000	NOT RUN	NOT RUN
METALS	ARSENIC	UG/L	42	L 1	98	5	5000	142
	CADMIUM	UG/L	L 100	L 100	-	L 100	11600	300
	CHROMIUM	UG/L	240	40	83	80	70400	1030
	COPPER	UG/L	150	10	93	80	78500	1280
	CYANIDE	UG/L	10	55	-	L 10	I 0	100
	LEAD	UG/L	L 200	L 200	-	L 200	82000	1500
	MERCURY	NG/L	L 100	L 100	-	L 100	48800	1000
	NICKEL	UG/L	30	80	-	100	15300	360
	SELENIUM	UG/L	8	L 1	88	L 1	250	L 1
	SILVER	UG/L	L 2	L 2	-	3	740	7
	THALLIUM	UG/L	4	L 3	25	4	40	8
	ZINC	UG/L	1900	400	79	1200	900000	28000
NON-CONV. METALS	ALUMINUM	UG/L	14300	L 100	99	2700	2960000	39400
	BARIUM	UG/L	220	60	73	130	32700	640
	BORON	UG/L	270	320	-	180	L 50	L 10
	CALCIUM	MG/L	102	101	1	97	1190	112
	COBALT	UG/L	L 50	L 50	-	L 50	2400	L 50
	IRON	UG/L	11500	730	94	57900	9999999	518000
	MAGNESIUM	MG/L	32	29	9	30	205	30
	MANGANESE	UG/L	129	420	-	469	30800	929

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 56

SAMPLE DATE ENDING 79/11/19 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	TERTIARY EFFLUENT	PERCENT REMOVAL	PRIMARY EFFLUENT	COMBINED SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	MOLYBDENUM	UG/L	L 150	L 150	-	L 150	12400	150
	SODIUM	MG/L	95	129	-	117	L 1	97
	TIN	UG/L	L 500	L 500	-	L 500	20000	L 500
	TITANIUM	UG/L	L 4	L 4	-	L 4	2700	16
	VANADIUM	UG/L	L 5	L 5	-	L 5	1390	30
	YTTRIUM	UG/L	L 100	L 100	-	L 100	1600	L 100

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/11/19
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 57

SAMPLE DATE ENDING 79/12/04 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	228	18	92	NOT RUN	9450	4800
	TOTAL SUSP. SOLIDS	MG/L	470	13	97	NOT RUN	58400	32300
	COD	MG/L	1052	426	60	NOT RUN	G 30000	G 30000
	OIL & GREASE	MG/L	152	59	61	NOT RUN	7440	7150
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	520	55	89	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	380	11	97	NOT RUN	47400	21010
	AMMONIA NITROGEN	MG/L	7	T 1	86	NOT RUN	I 0	I 0
	TOC	MG/L	290	115	60	NOT RUN	I 0	I 0
VOLATILES	BENZENE	UG/L	11	L 10	9	NOT RUN	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	68	3	96	NOT RUN	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	7	3	57	NOT RUN	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	7	2	71	NOT RUN	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	12	L 10	17	NOT RUN	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	22	9	59	NOT RUN	NOT RUN	NOT RUN
	METHYL CHLORIDE	UG/L	330	L 10	97	NOT RUN	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	22	L 10	55	NOT RUN	NOT RUN	NOT RUN
	TOLUENE	UG/L	65	2	97	NOT RUN	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	250	24	90	NOT RUN	NOT RUN	NOT RUN
	VINYL CHLORIDE	UG/L	70000	2300	97	NOT RUN	NOT RUN	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	54	55	-	NOT RUN	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	8	4	50	NOT RUN	300	270
	ARSENIC	UG/L	4	4	-	NOT RUN	325	350
	BERYLLIUM	UG/L	L 1	L 1	-	NOT RUN	9	9
	CADMIUM	UG/L	968	30	97	NOT RUN	67000	56900
	CHROMIUM	UG/L	1450	49	97	NOT RUN	99300	87500
	COPPER	UG/L	643	29	95	NOT RUN	60200	47600
	CYANIDE	UG/L	220	L 10	95	NOT RUN	NOT RUN	80
	LEAD	UG/L	128	L 80	38	NOT RUN	13600	13200
	MERCURY	MG/L	4000	L 1000	75	NOT RUN	133000	133000
	NICKEL	UG/L	272	283	-	NOT RUN	27300	23600
	SELENIUM	UG/L	L 2	L 2	-	NOT RUN	75	75
	SILVER	UG/L	13	1	92	NOT RUN	350	850
	ZINC	UG/L	3510	412	88	NOT RUN	272000	233000
NON-CONV. METALS	ALUMINUM	UG/L	1970	174	91	NOT RUN	228000	243000
	BARIUM	UG/L	215	17	92	NOT RUN	3160	2320
	BORON	UG/L	673	394	41	NOT RUN	L 100	266
	CALCIUM	MG/L	47	43	9	NOT RUN	604	632
	COBALT	UG/L	L 125	L 100	-	NOT RUN	274	314
	IRON	UG/L	12900	261	98	NOT RUN	446000	466000
	MAGNESIUM	MG/L	15	16	-	NOT RUN	121	196
	MANGANESE	UG/L	337	182	46	NOT RUN	8170	7710
	MOLYBDENUM	UG/L	375	L 70	81	NOT RUN	1320	1660
	SODIUM	MG/L	110	109	1	NOT RUN	L 75	L 75
	TIN	UG/L	142	L 50	65	NOT RUN	3520	3220
	TITANIUM	UG/L	32	L 4	88	NOT RUN	1070	3320

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/04
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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 57

SAMPLE DATE ENDING 79/12/05 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
NON-CONV. METALS	VANADIUM	UG/L	18	13	28	NOT RUN	552	520
	YTTRIUM	UG/L	L 7	L 7	-	NOT RUN	113	102

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N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 57

SAMPLE DATE ENDING 79/12/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	294	17	94	450	6450	4800
	TOTAL SUSP. SOLIDS	MG/L	570	37	94	190	36400	46000
	COD	MG/L	1559	99	94	561	G 30000	G 30000
	OIL & GREASE	MG/L	141	9	94	40	7930	6530
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	400	82	79	920	4000	680
	TOTAL VOL. SUS. SOLIDS	MG/L	460	30	93	70	28100	33950
	AMMONIA NITROGEN	MG/L	9	7	22	5	I 0	I 0
	TOC	MG/L	275	115	58	335	I 0	I 0
VOLATILES	BENZENE	UG/L	4	L 10	-	NOT RUN	14	10
	CARBON TETRACHLORIDE	UG/L	L 10	L 10	-	NOT RUN	33	L 25
	1,1,1-TRICHLOROETHANE	UG/L	30	L 10	67	NOT RUN	50	25
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 10	L 10	-	NOT RUN	22	L 25
	CHLOROFORM	UG/L	14	10	29	NOT RUN	7	L 25
	1,1-DICHLOROETHYLENE	UG/L	L 10	L 10	-	NOT RUN	272	174
	1,2-TRANS-DICHLOROETHYLENE	UG/L	27	2	93	NOT RUN	2230	1230
	ETHYLBENZENE	UG/L	7	L 10	-	NOT RUN	927	677
	METHYLENE CHLORIDE	UG/L	10	6	40	NOT RUN	L 25	88
	METHYL CHLORIDE	UG/L	210	12	94	NOT RUN	L 25	L 25
	TRICHLOROFLUOROMETHANE	UG/L	L 10	L 10	-	NOT RUN	353	L 25
	TETRACHLOROETHYLENE	UG/L	1	L 10	-	NOT RUN	92	56
	TOLUENE	UG/L	25	3	88	NOT RUN	1200	972
	TRICHLOROETHYLENE	UG/L	160	31	81	NOT RUN	14	L 25
	VINYL CHLORIDE	UG/L	70000	5800	92	100000	8170	969
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	55	20	64	NOT RUN	16000	7200
	DI-N-BUTYL PHTHALATE	UG/L	L 22	2	-	NOT RUN	L 10	L 10
	PHENANTHRENE	UG/L	L 22	L 20	-	NOT RUN	530	L 10
	PYRENE	UG/L	L 11	L 10	-	NOT RUN	L 10	230
METALS	ANTIMONY	UG/L	6	2	67	L 5	81	390
	ARSENIC	UG/L	6	2	67	L 5	120	25
	BERYLLIUM	UG/L	L 1	L 1	-	L 1	L 10	28
	CADMIUM	UG/L	1100	75	93	L 1	14000	1800
	CHROMIUM	UG/L	1650	116	93	79	12000	4600
	COPPER	UG/L	923	53	94	31	58000	3600
	CYANIDE	UG/L	170	L 10	94	NOT RUN	180	80
	LEAD	UG/L	231	L 40	83	38	22000	3900
	MERCURY	MG/L	7000	L 1000	86	L 1000	650000	17000
	NICKEL	UG/L	559	245	56	184	8200	1700
	SELENIUM	UG/L	L 2	L 2	-	L 5	20	5
	SILVER	UG/L	20	2	90	L 5	630	260
	ZINC	UG/L	4860	548	89	657	230000	14000
NON-CONV. METALS	ALUMINUM	UG/L	4140	328	92	852	NOT RUN	NOT RUN
	BARIUM	UG/L	352	28	92	38	NOT RUN	NOT RUN
	BORON	UG/L	329	479	-	1096	NOT RUN	NOT RUN
	CALCIUM	MG/L	52	44	15	43	NOT RUN	NOT RUN
	COBALT	UG/L	L 50	L 50	-	10	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/06
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 57

SAMPLE DATE ENDING 79/12/06 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
NON-CONV. METALS	IRON	UG/L	9390	713	92	1368	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	17	16	6	10	NOT RUN	NOT RUN
	MANGANESE	UG/L	348	189	46	91	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	189	190	-	25	NOT RUN	NOT RUN
	SODIUM	MG/L	102	103	-	272	NOT RUN	NOT RUN
	TIN	UG/L	105	33	69	21	NOT RUN	NOT RUN
	TITANIUM	UG/L	82	11	87	8	NOT RUN	NOT RUN
	VANADIUM	UG/L	11	6	45	84	NOT RUN	NOT RUN
	YTTRIUM	UG/L	L 3	L 3	-	9	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/06
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DAILY ANALYTICAL RESULTS

PLANT 57

SAMPLE DATE ENDING 79/12/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	200	L 10	95	235	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	440	120	73	90	NOT RUN	NOT RUN
	COD	MG/L	812	5	99	687	G 30000	G 30000
	OIL & GREASE	MG/L	131	17	87	28	7820	8140
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	254	200	21	880	6100	64
	TOTAL SOLIDS	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	31900
	TOTAL VOLATILE SOLIDS	MG/L	NOT RUN	NOT RUN	-	NOT RUN	NOT RUN	23600
	TOTAL VOL. SUS. SOLIDS	MG/L	360	90	75	70	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	10	10	-	5	I 0	I 0
	TOC	MG/L	320	140	56	280	I 0	I 0
VOLATILES	BENZENE	UG/L	3	L 10	-	NOT RUN	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	3	L 10	-	NOT RUN	NOT RUN	NOT RUN
	CHLOROETHANE	UG/L	L 10	100	-	NOT RUN	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	4	4	-	NOT RUN	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	11	3	73	NOT RUN	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	10	L 10	-	NOT RUN	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	5	8	-	NOT RUN	NOT RUN	NOT RUN
	METHYL CHLORIDE	UG/L	L 10	5	-	NOT RUN	NOT RUN	NOT RUN
	TOLUENE	UG/L	12	1	92	NOT RUN	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	140	17	88	NOT RUN	NOT RUN	NOT RUN
	VINYL CHLORIDE	UG/L	11000	3900	65	53000	NOT RUN	NOT RUN
ACID EXTRACT	PHENOL	UG/L	L 87	L 60	-	NOT RUN	730	L 30
BASE-NEUTRALS	FLUORANTHENE	UG/L	L 11	L 11	-	NOT RUN	L 10	180
	NAPHTHALENE	UG/L	L 23	L 22	-	NOT RUN	199	L 10
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	40	20	50	NOT RUN	15000	6500
	DI-N-BUTYL PHTHALATE	UG/L	L 23	1	-	NOT RUN	L 10	L 10
	PYRENE	UG/L	L 11	L 11	-	NOT RUN	296	300
METALS	ANTIMONY	UG/L	3	2	33	L 5	65	340
	ARSENIC	UG/L	4	2	50	L 5	92	120
	BERYLLIUM	UG/L	L 1	L 1	-	L 1	L 13	29
	CADMIUM	UG/L	766	151	80	L 1	25000	51000
	CHROMIUM	UG/L	1220	214	82	71	11000	43000
	COPPER	UG/L	728	113	84	41	45000	75000
	CYANIDE	UG/L	110	L 10	91	L 10	L 10	L 10
	LEAD	UG/L	148	L 40	73	20	18000	13000
	MERCURY	NG/L	4000	2000	50	L 1000	500000	390000
	NICKEL	UG/L	402	241	40	183	8000	30000
	SELENIUM	UG/L	L 2	L 2	-	L 5	23	45
	SILVER	UG/L	15	2	87	5	760	460
	ZINC	UG/L	3790	838	78	458	190000	190000
NON-CONV. METALS	ALUMINUM	UG/L	2950	525	82	711	NOT RUN	NOT RUN
	BARIUM	UG/L	259	48	81	53	NOT RUN	NOT RUN
	BORON	UG/L	445	150	66	779	NOT RUN	NOT RUN
	CALCIUM	MG/L	49	44	10	64	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/07
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N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 57

SAMPLE DATE ENDING 79/12/07 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
NON-CONV. METALS	COBALT	UG/L	L 50	L 50	-	5	NOT RUN	NOT RUN
	IRON	UG/L	6710	1230	82	667	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	16	15	6	18	NOT RUN	NOT RUN
	MANGANESE	UG/L	296	188	36	98	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	209	185	11	14	NOT RUN	NOT RUN
	SODIUM	MG/L	91	102	-	356	NOT RUN	NOT RUN
	TIN	UG/L	83	61	27	14	NOT RUN	NOT RUN
	TITANIUM	UG/L	67	13	81	5	NOT RUN	NOT RUN
	VANADIUM	UG/L	11	4	64	135	NOT RUN	NOT RUN
	YTTRIUM	UG/L	L 3	L 3	-	5	NOT RUN	NOT RUN

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POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/07
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N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 57

SAMPLE DATE ENDING 79/12/08 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	294	24	92	NOT RUN	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	550	70	87	NOT RUN	NOT RUN	38490
	COD	MG/L	989	68	93	NOT RUN	G 30000	G 30000
	OIL & GREASE	MG/L	168	12	93	NOT RUN	7140	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	380	92	76	NOT RUN	700	NOT RUN
	TOTAL SOLIDS	MG/L	NOT RUN	NOT RUN	-	NOT RUN	42160	NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	NOT RUN	NOT RUN	-	NOT RUN	29800	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	460	40	91	NOT RUN	NOT RUN	28390
	AMMONIA NITROGEN	MG/L	14	9	36	NOT RUN	I 0	I 0
	TOC	MG/L	290	140	52	NOT RUN	I 0	I 0
VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	19	L 10	47	NOT RUN	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	3	4	-	NOT RUN	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	21	5	76	NOT RUN	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	1	7	-	NOT RUN	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	6	8	-	NOT RUN	NOT RUN	NOT RUN
	METHYL CHLORIDE	UG/L	460	L 10	98	NOT RUN	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	130	L 10	92	NOT RUN	NOT RUN	NOT RUN
	TOLUENE	UG/L	40	1	97	NOT RUN	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	500	630	-	NOT RUN	NOT RUN	NOT RUN
	VINYL CHLORIDE	UG/L	62000	3800	94	NOT RUN	NOT RUN	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	18	25	-	NOT RUN	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 37	4	-	NOT RUN	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	3	2	33	NOT RUN	300	200
	ARSENIC	UG/L	4	2	50	NOT RUN	350	300
	BERYLLIUM	UG/L	L 1	L 1	-	NOT RUN	11	10
	CADMIUM	UG/L	1070	199	81	NOT RUN	74100	59500
	CHROMIUM	UG/L	1400	330	76	NOT RUN	107000	83900
	COPPER	UG/L	1090	169	84	NOT RUN	67100	49700
	CYANIDE	UG/L	150	L 10	93	NOT RUN	60	L 10
	LEAD	UG/L	248	L 40	84	NOT RUN	15700	12800
	MERCURY	MG/L	7000	1000	86	NOT RUN	17000	392000
	NICKEL	UG/L	558	258	54	NOT RUN	24300	23700
	SELENIUM	UG/L	L 2	L 2	-	NOT RUN	75	75
	SILVER	UG/L	18	4	78	NOT RUN	250	150
	ZINC	UG/L	4450	1050	76	NOT RUN	300000	243000
NON-CONV. METALS	ALUMINUM	UG/L	3700	835	77	NOT RUN	298000	221000
	BARIUM	UG/L	336	64	81	NOT RUN	2550	2100
	BORON	UG/L	170	876	-	NOT RUN	1630	445
	CALCIUM	MG/L	54	46	15	NOT RUN	441	477
	COBALT	UG/L	L 50	L 50	-	NOT RUN	119	222
	IRON	UG/L	8680	1880	78	NOT RUN	577000	473000
	MAGNESIUM	MG/L	18	16	11	NOT RUN	127	197
	MANGANESE	UG/L	362	206	43	NOT RUN	10300	8020
	MOLYBDENUM	UG/L	214	170	21	NOT RUN	1920	1860
	SODIUM	MG/L	98	87	11	NOT RUN	L 60	L 60

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/08
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 57

SAMPLE DATE ENDING 79/12/08 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
NON-CONV. METALS	TIN	UG/L	80		63	21	NOT RUN	4180	2770
	TITANIUM	UG/L	65		23	65	NOT RUN	3790	2500
	VANADIUM	UG/L	14		4	71	NOT RUN	424	527
	YTTRIUM	UG/L	4	L	3	25	NOT RUN	122	112

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/08
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 57

SAMPLE DATE ENDING 79/12/09 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	OTHER INFLUENT	PRIMARY SLUDGE	COMBINED SLUDGE
CONVENTIONALS	BOD	MG/L	216	L 10	95	NOT RUN	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	710	40	94	NOT RUN	41565	29960
	COD	MG/L	1083	L 5	100	NOT RUN	G 30000	G 30000
	OIL & GREASE	MG/L	81	35	57	NOT RUN	NOT RUN	6350
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	650	NOT RUN	-	NOT RUN	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	615	30	95	NOT RUN	32540	22950
	AMMONIA NITROGEN	MG/L	9	7	22	NOT RUN	I 0	I 0
	TOC	MG/L	380	105	72	NOT RUN	I 0	I 0
VOLATILES	CHLOROFORM	UG/L	4	6	-	NOT RUN	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	98	4	96	NOT RUN	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	2	120	-	NOT RUN	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	46	100	-	NOT RUN	NOT RUN	NOT RUN
	METHYL CHLORIDE	UG/L	270	15	94	NOT RUN	NOT RUN	NOT RUN
	TOLUENE	UG/L	64	L 10	84	NOT RUN	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	340	190	44	NOT RUN	NOT RUN	NOT RUN
	VINYL CHLORIDE	UG/L	56000	4000	93	NOT RUN	NOT RUN	NOT RUN
BASE-NEUTRALS	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	23	20	13	NOT RUN	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	9	2	78	NOT RUN	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	2	2	-	NOT RUN	200	100
	ARSENIC	UG/L	4	2	50	NOT RUN	400	250
	BERYLLIUM	UG/L	L 1	L 1	-	NOT RUN	11	8
	CADMIUM	UG/L	523	85	84	NOT RUN	70300	52100
	CHROMIUM	UG/L	790	132	83	NOT RUN	110000	78600
	COPPER	UG/L	518	91	82	NOT RUN	66900	43500
	CYANIDE	UG/L	50	L 10	80	NOT RUN	140	NOT RUN
	LEAD	UG/L	102	L 40	61	NOT RUN	15200	11700
	MERCURY	MG/L	3000	L 1000	67	NOT RUN	122000	122000
	NICKEL	UG/L	300	240	20	NOT RUN	23900	21200
	SELENIUM	UG/L	L 2	L 2	-	NOT RUN	100	50
	SILVER	UG/L	11	10	9	NOT RUN	200	650
	ZINC	UG/L	2020	636	69	NOT RUN	301000	212000
NON-CONV. METALS	ALUMINUM	UG/L	2860	279	90	NOT RUN	280000	176000
	BARIUM	UG/L	214	32	85	NOT RUN	3920	2520
	BORON	UG/L	348	163	53	NOT RUN	1790	546
	CALCIUM	MG/L	54	45	17	NOT RUN	590	590
	COBALT	UG/L	L 50	L 50	-	NOT RUN	174	126
	IRON	UG/L	5630	982	83	NOT RUN	575000	415000
	MAGNESIUM	MG/L	17	15	12	NOT RUN	122	177
	MANGANESE	UG/L	144	181	-	NOT RUN	9930	7110
	MOLYBDENUM	UG/L	191	177	7	NOT RUN	2020	1660
	SODIUM	MG/L	88	92	-	NOT RUN	L 60	190
	TIN	UG/L	104	34	67	NOT RUN	3990	3060
	TITANIUM	UG/L	52	12	77	NOT RUN	3310	2050
	VANADIUM	UG/L	9	5	44	NOT RUN	591	456
	YTTRIUM	UG/L	L 3	L 3	-	NOT RUN	111	96

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/09

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 58

SAMPLE DATE ENDING 79/12/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL		PRIMARY SLUDGE		SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	120		15	88		2370		2160
	TOTAL SUSP. SOLIDS	MG/L	160		8	95		NOT RUN		26340
	COD	MG/L	478		114	76	G	30000	G	30000
	OIL & GREASE	MG/L	17		NOT RUN	-		2570		NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1430		60	96		2500		630
	TOTAL SOLIDS	MG/L	NOT RUN		NOT RUN	-		48400		NOT RUN
	TOTAL VOLATILE SOLIDS	MG/L	NOT RUN		NOT RUN	-		29900		NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	100		5	95		NOT RUN		18250
	AMMONIA NITROGEN	MG/L	5	T	1	80	I	0	I	0
	TOC	MG/L	100		40	60	I	0	I	0
VOLATILES	BENZENE	UG/L	130	L	10	92		NOT RUN		NOT RUN
	CHLOROETHANE	UG/L	280		660	-		NOT RUN		NOT RUN
	CHLOROFORM	UG/L	2	L	10	-		NOT RUN		NOT RUN
	METHYLENE CHLORIDE	UG/L	14		12	14		NOT RUN		NOT RUN
	METHYL CHLORIDE	UG/L	L 10		8	-		NOT RUN		NOT RUN
	TETRACHLOROETHYLENE	UG/L	11	L	10	9		NOT RUN		NOT RUN
	TOLUENE	UG/L	11	L	10	9		NOT RUN		NOT RUN
	TRICHLOROETHYLENE	UG/L	6	L	10	-		NOT RUN		NOT RUN
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	5	L	45	-		NOT RUN		NOT RUN
	PHENOL	UG/L	1200	L	54	95		NOT RUN		NOT RUN
BASE-NEUTRALS	2,4-DINITROTOLUENE	UG/L	13	L	18	-		NOT RUN		NOT RUN
	2,6-DINITROTOLUENE	UG/L	20	L	18	10		NOT RUN		NOT RUN
	FLUORANTHENE	UG/L	12	L	9	25		NOT RUN		NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	41		86	-		NOT RUN		NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	6		1	83		NOT RUN		NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	2	L	18	-		NOT RUN		NOT RUN
	DIETHYL PHTHALATE	UG/L	1	L	18	-		NOT RUN		NOT RUN
	1,2-BENZANTHRACENE	UG/L	6	L	9	-		NOT RUN		NOT RUN
	CHRYSENE	UG/L	5	L	9	-		NOT RUN		NOT RUN
	PYRENE	UG/L	11	L	9	18		NOT RUN		NOT RUN
METALS	ANTIMONY	UG/L	21	L	5	76		406		103
	ARSENIC	UG/L	5	L	5	-		351		133
	BERYLLIUM	UG/L	L 1	L	1	-		31		26
	CADMIUM	UG/L	5		4	20		780		674
	CHROMIUM	UG/L	101		32	68		23370		20840
	COPPER	UG/L	864		39	95		34640		21961
	CYANIDE	UG/L	50		55	-		145		580
	LEAD	UG/L	155		84	46		44108		43250
	MERCURY	MG/L	L 1000	L	1000	-		70000		52000
	NICKEL	UG/L	234		5	98		3812		3077
	SELENIUM	UG/L	L 5		12	-		1243		1501
	SILVER	UG/L	9	L	5	44		115		54
	ZINC	UG/L	268		57	79		49600		35720
NON-CONV. METALS	ALUMINUM	UG/L	1685		272	84		546730		446130

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/12
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
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DAILY ANALYTICAL RESULTS

PLANT 58

SAMPLE DATE ENDING 79/12/12 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	BARIUM	UG/L	207	107	48	24660	22150
	BORON	UG/L	346	347	-	2298	1947
	CALCIUM	MG/L	97	95	2	780	481
	COBALT	UG/L	15	14	-	1678	1354
	IRON	UG/L	2276	278	88	504272	423872
	MAGNESIUM	MG/L	30	29	3	140	127
	MANGANESE	UG/L	137	118	14	4325	2913
	MOLYBDENUM	UG/L	25	29	-	1421	1274
	SODIUM	MG/L	129	128	1	111	104
	TIN	UG/L	25	24	4	2459	1684
	TITANIUM	UG/L	11	7	36	511	133
	VANADIUM	UG/L	212	191	10	9838	7954
	YTTRIUM	UG/L	9	20	-	855	671

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/12
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DAILY ANALYTICAL RESULTS

PLANT 58

SAMPLE DATE ENDING 79/12/13 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL		PRIMARY SLUDGE		SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L		90	L	10	89		10800		5520
	TOTAL SUSP. SOLIDS	MG/L		155		15	90		42770		26280
	COD	MG/L		357		22	94	G	30000	G	30000
	OIL & GREASE	MG/L		52		12	77		3650		NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L		890		58	93		1250		1250
	TOTAL VOL. SUS. SOLIDS	MG/L		110		10	91		26930		18040
	TOC	MG/L		42		31	26	I	0	I	0
VOLATILES	BENZENE	UG/L		78		1	99		934	L	5
	CHLOROFORM	UG/L		1	L	10	-	L	25	L	25
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L	10	L	10	-		663	L	25
	ETHYLBENZENE	UG/L	L	10	L	10	-		86	L	5
	METHYLENE CHLORIDE	UG/L		9		5	44		20	L	25
	DICHLORODIFLUOROMETHANE	UG/L	L	10	L	10	-		299		821
	TETRACHLOROETHYLENE	UG/L		22	L	10	55	L	25	L	25
	TOLUENE	UG/L		7	L	10	-		400		52841
	TRICHLOROETHYLENE	UG/L		4	L	10	-		144	L	25
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	L	67	L	63	-		150	L	200
	PHENOL	UG/L		620		35	94	L	30	L	30
BASE-NEUTRALS	2,6-DINITROTOLUENE	UG/L		25	L	18	28	L	20	L	20
	1,2-DIPHENYLHYDRAZINE	UG/L		3	L	18	-	L	10	L	10
	FLUORANTHENE	UG/L		4	L	9	-		11000		1300
	NAPHTHALENE	UG/L	L	24	L	18	-		690	L	10
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L		82		120	-		2305		540
	BUTYL BENZYL PHTHALATE	UG/L	L	24	L	18	-		1090	L	20
	DI-N-BUTYL PHTHALATE	UG/L		7	L	18	-		190		49
	DI-N-OCTYL PHTHALATE	UG/L		11	L	18	-	L	20	L	20
	DIETHYL PHTHALATE	UG/L	L	24	L	18	-		120	L	10
	1,2-BENZANTHRACENE	UG/L	L	12	L	9	-		12000		1600
	BENZO (A)PYRENE	UG/L	L	12	L	9	-		92000	L	20
	11,12-BENZOFLUORANTHENE	UG/L	L	12	L	9	-		1100	L	10
	CHRYSENE	UG/L	L	12	L	9	-		12000		1600
	ANTHRACENE	UG/L	L	24	L	18	-		1400		98
	1,12-BENZOPERYLENE	UG/L	L	60	L	45	-		3500	L	30
	PHENANTHRENE	UG/L	L	24	L	18	-		1400		98
	PYRENE	UG/L		4	L	9	-		12000		1300
METALS	ANTIMONY	UG/L		30		26	13		7		57
	ARSENIC	UG/L	L	5		122	-		16		89
	CADMIUM	UG/L		11		3	73		60		73
	CHROMIUM	UG/L		130		39	70		5800		7300
	COPPER	UG/L		240		42	82	I	0	I	0
	CYANIDE	UG/L		260		52	80		240		160
	LEAD	UG/L		201		97	52		13000		25000
	MERCURY	NG/L		1000		1000	-		80000		100000
	NICKEL	UG/L		306		305	-		210		230
	SELENIUM	UG/L	L	5		1045	-	L	3		790

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/13
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D. NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 58

SAMPLE DATE ENDING 79/12/13 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL		PRIMARY SLUDGE		SECONDARY SLUDGE
METALS	SILVER	UG/L	8	44	-		38		340
	ZINC	UG/L	282	69	76	I	0	I	0
NON-CONV. METALS	ALUMINUM	UG/L	1827	331	82		NOT RUN		NOT RUN
	BARIUM	UG/L	190	104	45		NOT RUN		NOT RUN
	BORON	UG/L	302	309	-		NOT RUN		NOT RUN
	CALCIUM	MG/L	88	92	-		NOT RUN		NOT RUN
	COBALT	UG/L	20	10	50		NOT RUN		NOT RUN
	IRON	UG/L	2467	395	84		NOT RUN		NOT RUN
	MAGNESIUM	MG/L	25	27	-		NOT RUN		NOT RUN
	MANGANESE	UG/L	129	123	5		NOT RUN		NOT RUN
	MOLYBDENUM	UG/L	27	31	-		NOT RUN		NOT RUN
	SODIUM	MG/L	96	112	-		NOT RUN		NOT RUN
	TIN	UG/L	40	24	40		NOT RUN		NOT RUN
	TITANIUM	UG/L	15	7	53		NOT RUN		NOT RUN
	VANADIUM	UG/L	195	184	6		NOT RUN		NOT RUN
	YTTRIUM	UG/L	22	20	9		NOT RUN		NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/13
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N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 58

SAMPLE DATE ENDING 79/12/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	132	48	64	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	74	9	88	43440	26914
	COD	MG/L	191	103	46	G 30000	G 30000
	OIL & GREASE	MG/L	21	36	-	3710	1080
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	900	830	8	1250	I 0
	TOTAL VOL. SUS. SOLIDS	MG/L	25	NOT RUN	-	27190	18400
	AMMONIA NITROGEN	MG/L	2	T 1	50	I 0	20
	TOC	MG/L	92	NOT RUN	-	I 0	I 0
VOLATILES	BENZENE	UG/L	100	53	47	25	11
	CHLOROETHANE	UG/L	130	140	-	L 100	L 100
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 10	L 10	-	159	L 25
	ETHYLBENZENE	UG/L	L 10	L 10	-	11	L 5
	METHYLENE CHLORIDE	UG/L	9	5	44	L 25	L 25
	TETRACHLOROETHYLENE	UG/L	12	L 10	17	L 25	L 25
	TOLUENE	UG/L	6	L 10	-	151	18660
	TRICHLOROETHYLENE	UG/L	L 10	L 10	-	206	L 25
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	L 65	L 67	-	250	L 200
	PHENOL	UG/L	520	L 81	84	L 30	290
BASE-NEUTRALS	1,2-DIPHENYLHYDRAZINE	UG/L	6	1	83	L 10	L 10
	FLUORANTHENE	UG/L	2	L 11	-	9900	1500
	NAPHTHALENE	UG/L	L 50	L 21	-	510	L 10
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	55	47	-	1400	780
	BUTYL BENZYL PHTHALATE	UG/L	L 50	L 21	-	901	780
	DI-N-BUTYL PHTHALATE	UG/L	6	6	-	58	L 10
	DIETHYL PHTHALATE	UG/L	6	L 21	-	110	L 10
	1,2-BENZANTHRACENE	UG/L	L 25	L 11	-	10300	2030
	BENZO (A)PYRENE	UG/L	L 25	L 11	-	76000	19000
	11,12-BENZOFLUORANTHENE	UG/L	L 25	L 11	-	1100	2300
	CHRYSENE	UG/L	L 25	L 11	-	10300	2030
	ANTHRACENE	UG/L	L 50	L 21	-	950	110
	1,12-BENZOPERYLENE	UG/L	L 125	L 53	-	3000	L 30
	PHENANTHRENE	UG/L	L 50	L 21	-	950	110
	PYRENE	UG/L	2	L 11	-	9090	1600
METALS	ANTIMONY	UG/L	L 5	L 5	-	120	360
	ARSENIC	UG/L	L 5	L 5	-	58	47
	BERYLLIUM	UG/L	L 1	L 1	-	28	22
	CADMIUM	UG/L	6	4	33	92	47
	CHROMIUM	UG/L	89	33	63	5000	6300
	COPPER	UG/L	157	57	64	330	1200
	CYANIDE	UG/L	300	35	88	440	440
	LEAD	UG/L	164	96	41	18000	25000
	MERCURY	MG/L	1000	2000	-	64000	87000
	NICKEL	UG/L	304	296	3	690	260
	SELENIUM	UG/L	9	L 5	44	800	640
	SILVER	UG/L	6	L 5	17	490	610

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/14

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N-b=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 58

SAMPLE DATE ENDING 79/12/14 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
METALS	ZINC	UG/L	156	67	57	8200	2500
NON-CONV. METALS	ALUMINUM	UG/L	1320	388	71	NOT RUN	NOT RUN
	BARIUM	UG/L	175	90	49	NOT RUN	NOT RUN
	BORON	UG/L	395	306	23	NOT RUN	NOT RUN
	CALCIUM	MG/L	95	83	13	NOT RUN	NOT RUN
	COBALT	UG/L	19	13	32	NOT RUN	NOT RUN
	IRON	UG/L	1908	278	85	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	29	24	17	NOT RUN	NOT RUN
	MANGANESE	UG/L	125	108	14	NOT RUN	NOT RUN
	MOLYBDENUM	UG/L	32	27	16	NOT RUN	NOT RUN
	SODIUM	MG/L	94	85	10	NOT RUN	NOT RUN
	TIN	UG/L	31	28	10	NOT RUN	NOT RUN
	TITANIUM	UG/L	11	7	36	NOT RUN	NOT RUN
	VANADIUM	UG/L	206	167	19	NOT RUN	NOT RUN
	YTTRIUM	UG/L	20	19	5	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 79/12/14
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 58

SAMPLE DATE ENDING 79/12/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL		PRIMARY SLUDGE		SECONDARY SLUDGE	
CONVENTIONALS	BOD	MG/L	78	L	10	87		5400		12300	
	TOTAL SUSP. SOLIDS	MG/L	100		10	90		NOT RUN		125750	
	COD	MG/L	257		33	87	G	30000	G	30000	
	OIL & GREASE	MG/L	6		13	-		3970		114	
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1100		68	94		1380		1250	
	TOTAL SOLIDS	MG/L	NOT RUN		NOT RUN	-		24700		NOT RUN	
	TOTAL VOLATILE SOLIDS	MG/L	NOT RUN		NOT RUN	-		16400		NOT RUN	
	TOTAL VOL. SUS. SOLIDS	MG/L	75		8	89		NOT RUN		77950	
	AMMONIA NITROGEN	MG/L	23	T	1	96	I	0		23	
	TOC	MG/L	99		25	75	I	0	I	0	
VOLATILES	BENZENE	UG/L	110	L	10	91		NOT RUN		NOT RUN	
	CHLOROETHANE	UG/L	160		310	-		NOT RUN		NOT RUN	
	ETHYLBENZENE	UG/L	8	L	10	-		NOT RUN		NOT RUN	
	METHYLENE CHLORIDE	UG/L	L 10		7	-		NOT RUN		NOT RUN	
	TETRACHLOROETHYLENE	UG/L	6	L	10	-		NOT RUN		NOT RUN	
	TOLUENE	UG/L	3	L	10	-		NOT RUN		NOT RUN	
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	4	L	55	-		NOT RUN		NOT RUN	
	PHENOL	UG/L	710	L	66	91		NOT RUN		NOT RUN	
BASE-NEUTRALS	1,2-DIPHENYLHYDRAZINE	UG/L	4	L	20	-		NOT RUN		NOT RUN	
	FLUORANTHENE	UG/L	2	L	10	-		NOT RUN		NOT RUN	
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	130		320	-		NOT RUN		NOT RUN	
	DI-N-BUTYL PHTHALATE	UG/L	11		6	45		NOT RUN		NOT RUN	
	DI-N-OCTYL PHTHALATE	UG/L	8	L	20	-		NOT RUN		NOT RUN	
	DIETHYL PHTHALATE	UG/L	10	L	20	-		NOT RUN		NOT RUN	
	PYRENE	UG/L	2	L	10	-		NOT RUN		NOT RUN	
METALS	ANTIMONY	UG/L	L 5	L	5	-		29		57	
	ARSENIC	UG/L	L 5	L	5	-		104		171	
	BERYLLIUM	UG/L	L 1	L	1	-		19		35	
	CADMIUM	UG/L	6		5	17		509		1230	
	CHROMIUM	UG/L	79		41	48		14880		29160	
	COPPER	UG/L	100		37	63		18821		82472	
	CYANIDE	UG/L	75		50	33		320		140	
	LEAD	UG/L	174		108	38		29958		49268	
	NICKEL	UG/L	355		351	1		2542		4572	
	SELENIUM	UG/L	L 5	L	5	-		1567		799	
	SILVER	UG/L	8	L	5	38		26		91	
	ZINC	UG/L	157		63	60		24427		64240	
NON-CONV. METALS	ALUMINUM	UG/L	1431		337	76		283730		646442	
	BARIUM	UG/L	178		110	38		16939		31014	
	BORON	UG/L	374		442	-		1673		2648	
	CALCIUM	MG/L	97		97	-		417		775	
	COBALT	UG/L	20		17	15		1027		2075	
	IRON	UG/L	1533		327	79		273272		643948	
	MAGNESIUM	MG/L	30		29	3		110		155	

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N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 58

SAMPLE DATE ENDING 79/12/15 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	MANGANESE	UG/L	131	121	8	2665	4796
	MOLYBDENUM	UG/L	40	33	17	1033	1652
	SODIUM	MG/L	111	103	7	112	102
	TIN	UG/L	45	31	31	1696	3422
	TITANIUM	UG/L	10	8	20	142	783
	VANADIUM	UG/L	216	195	10	5855	10972
	YTTRIUM	UG/L	24	25	-	501	1024

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N.D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 58

SAMPLE DATE ENDING 79/12/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	96	13	86	4400	10000
	TOTAL SUSP. SOLIDS	MG/L	120	14	88	37200	30100
	COD	MG/L	410	210	49	G 30000	G 30000
	OIL & GREASE	MG/L	14	6	57	4600	800
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1030	53	95	2900	2180
	TOTAL VOL. SUS. SOLIDS	MG/L	85	11	87	23500	21950
	AMMONIA NITROGEN	MG/L T	1	4	-	I 0	32
	TOC	MG/L	100	38	62	I 0	I 0
VOLATILES	BENZENE	UG/L	95	L 10	89	NOT RUN	NOT RUN
	CHLOROETHANE	UG/L	140	L 10	93	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	6	6	-	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	1	L 10	-	NOT RUN	NOT RUN
	TOLUENE	UG/L	2	L 10	-	NOT RUN	NOT RUN
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	3	L 57	-	NOT RUN	NOT RUN
	PHENOL	UG/L	830	L 69	92	NOT RUN	NOT RUN
BASE-NEUTRALS	1,2-DIPHENYLHYDRAZINE	UG/L	5	L 5	-	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	65	58	11	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	6	3	50	NOT RUN	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	10	L 5	50	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	3	L 5	-	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	25	L 5	80	22	19
	ARSENIC	UG/L L	5	L 5	-	80	143
	BERYLLIUM	UG/L L	1	L 1	-	34	5
	CADMIUM	UG/L	9	1	89	1113	185
	CHROMIUM	UG/L	91	34	63	28021	4278
	COPPER	UG/L	101	39	61	67334	7337
	CYANIDE	UG/L	200	50	75	200	100
	LEAD	UG/L	164	59	64	55418	7847
	MERCURY	NG/L L	1000	L 1000	-	3000	39000
	NICKEL	UG/L	222	204	8	4087	1059
	SELENIUM	UG/L L	5	16	-	773	1530
	SILVER	UG/L	18	15	17	35	43
	ZINC	UG/L	130	61	53	64878	7843
NON-CONV. METALS	ALUMINUM	UG/L	1380	242	82	655704	95302
	BARIUM	UG/L	188	107	43	33220	4811
	BORON	UG/L	321	318	1	1960	778
	CALCIUM	MG/L	95	93	2	769	280
	COBALT	UG/L	20	16	20	1713	319
	IRON	UG/L	1900	451	76	619226	104713
	MAGNESIUM	MG/L	28	28	-	141	87
	MANGANESE	UG/L	105	113	-	4179	1149
	MOLYBDENUM	UG/L	21	15	29	1436	331
	SODIUM	MG/L	108	104	4	96	109
	TIN	UG/L	24	31	-	2517	786

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DAILY ANALYTICAL RESULTS

PLANT 58

SAMPLE DATE ENDING 79/12/16 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	TITANIUM	UG/L	9	4	56	414	137
	VANADIUM	UG/L	230	205	11	9844	1943
	YTTRIUM	UG/L	16	5	69	287	64

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DAILY ANALYTICAL RESULTS

PLANT 58

SAMPLE DATE ENDING 79/12/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
CONVENTIONALS	BOD	MG/L	39	18	54	2700	2600
	TOTAL SUSP. SOLIDS	MG/L	85	10	88	37090	23340
	COD	MG/L	283	17	94	G 30000	G 30000
	OIL & GREASE	MG/L	10	NOT RUN	-	4780	1170
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1600	1270	21	2000	1380
	TOTAL VOL. SUS. SOLIDS	MG/L	60	8	87	23340	16580
	AMMONIA NITROGEN	MG/L T	1	4	-	I 0	66
	TOC	MG/L	100	42	58	I 0	I 0
VOLATILES	BENZENE	UG/L	92	L 10	89	NOT RUN	NOT RUN
	CHLOROETHANE	UG/L	240	130	46	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	8	4	50	NOT RUN	NOT RUN
	TOLUENE	UG/L	1	L 10	-	NOT RUN	NOT RUN
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	4	L 50	-	NOT RUN	NOT RUN
	PHENOL	UG/L	890	L 60	93	NOT RUN	NOT RUN
BASE-NEUTRALS	FLUORANTHENE	UG/L	7	L 11	-	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	24	27	-	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	16	4	75	NOT RUN	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	4	3	25	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	11	2	82	NOT RUN	NOT RUN
	PYRENE	UG/L	2	L 11	-	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	122	20	84	520	47
	ARSENIC	UG/L L	5	L 5	-	146	146
	BERYLLIUM	UG/L L	1	L 1	-	42	21
	CADMIUM	UG/L	12	3	75	1374	540
	CHROMIUM	UG/L	84	35	58	32679	11521
	COPPER	UG/L	51	25	51	53242	23062
	CYANIDE	UG/L	100	150	-	180	120
	LEAD	UG/L	343	74	78	64750	30438
	MERCURY	MG/L L	1000	L 1000	-	2000	33000
	NICKEL	UG/L	166	176	-	4882	2688
	SELENIUM	UG/L	9	13	-	1020	1718
	SILVER	UG/L	15	16	-	76	74
	ZINC	UG/L	94	66	30	80836	26058
NON-CONV. METALS	ALUMINUM	UG/L	765	216	72	830324	386504
	BARIUM	UG/L	157	102	35	43011	7399
	BORON	UG/L	326	286	12	2231	1387
	CALCIUM	MG/L	85	88	-	876	549
	COBALT	UG/L	18	L 1	94	2048	1066
	IRON	UG/L	891	447	50	794042	377226
	MAGNESIUM	MG/L	27	28	-	164	145
	MANGANESE	UG/L	77	87	-	4929	3046
	MOLYBDENUM	UG/L	18	13	28	1597	809
	SODIUM	MG/L	99	100	-	93	96
	TIN	UG/L	22	38	-	3162	1125

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DAILY ANALYTICAL RESULTS

PLANT 58

SAMPLE DATE ENDING 79/12/17 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	PRIMARY SLUDGE	SECONDARY SLUDGE
NON-CONV. METALS	TITANIUM	UG/L	7		2	71	832	430
	VANADIUM	UG/L	213		209	2	12250	6345
	YTTRIUM	UG/L	4	L	1	75	311	190

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N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 59

SAMPLE DATE, ENDING 80/01/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	THICKENER OVERFLOW
CONVENTIONALS	BOD	MG/L	153	L 10	93	9150	75
	TOTAL SUSP. SOLIDS	MG/L	94	19	80	33870	90
	COD	MG/L	336	156	54	B 30000	125
	OIL & GREASE	MG/L	NOT RUN	5	-	666	22
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	105	40	62	L 625	30
	TOTAL VOL. SUS. SOLIDS	MG/L	72	14	81	2412	66
	AMMONIA NITROGEN	MG/L	T 1	T 1	-	4	T 1
	TOC	MG/L	43	NOT RUN	-	I 0	29
VOLATILES	BENZENE	UG/L	3	L 10	-	6	L 10
	CHLOROBENZENE	UG/L	L 10	L 10	-	36	L 10
	1,1,1-TRICHLOROETHANE	UG/L	44	10	77	L 25	27
	1,1-DICHLOROETHANE	UG/L	L 10	L 10	-	91	L 10
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 10	L 10	-	10	L 10
	CHLOROFORM	UG/L	10	9	10	L 25	6
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 10	L 10	-	705	L 10
	1,2-DICHLOROPROPANE	UG/L	L 10	L 10	-	38	L 10
	ETHYLBENZENE	UG/L	43	L 10	77	859	8
	METHYLENE CHLORIDE	UG/L	18	31	-	12	19
	TETRACHLOROETHYLENE	UG/L	150	14	91	23	L 10
	TOLUENE	UG/L	170	L 10	94	566	L 10
	TRICHLOROETHYLENE	UG/L	53	10	81	299	12
ACID EXTRACT	PHENOL	UG/L	140	L 69	51	2500	2
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	2	L 42	-	L 30	L 17
	FLUORANTHENE	UG/L	L 11	L 21	-	190	L 8
	NAPHTHALENE	UG/L	10	L 42	-	L 10	4
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	470	40	91	24000	120
	DI-N-BUTYL PHTHALATE	UG/L	31	4	87	740	15
	DIETHYL PHTHALATE	UG/L	15	5	67	L 10	4
	1,2-BENZANTHRACENE	UG/L	L 11	L 21	-	360	L 8
	11,12-BENZOFLUORANTHENE	UG/L	L 11	L 21	-	85	L 8
	CHRYSENE	UG/L	L 11	L 21	-	360	L 8
	ANTHRACENE	UG/L	L 23	L 23	-	320	L 17
	PHENANTHRENE	UG/L	L 23	L 23	-	320	L 17
	PYRENE	UG/L	L 11	L 21	-	280	L 8
METALS	ANTIMONY	UG/L	7	6	14	20	6
	ARSENIC	UG/L	L 1	L 1	-	33	L 1
	CADMIUM	UG/L	L 100	L 100	-	45	L 100
	CHROMIUM	UG/L	320	80	75	8900	180
	COPPER	UG/L	90	L 10	89	4800	20
	CYANIDE	UG/L	35	30	14	L 10	L 10
	LEAD	UG/L	L 200	L 200	-	2600	L 200
	MERCURY	NG/L	700	L 100	86	L 4000	300
	NICKEL	UG/L	130	60	54	1300	90
	SELENIUM	UG/L	L 1	L 1	-	15	L 1
	SILVER	UG/L	8	2	75	520	5

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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 59

SAMPLE DATE ENDING 80/01/22 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	THICKENER OVERFLOW
METALS	ZINC	UG/L	719		188	74	1600	432
NON-CONV. METALS	ALUMINUM	UG/L	2000		400	80	NOT RUN	1000
	BARIUM	UG/L	110		60	45	NOT RUN	90
	BORON	UG/L	440		360	18	NOT RUN	390
	CALCIUM	MG/L	47		45	4	NOT RUN	47
	IRON	UG/L	1510		201	87	NOT RUN	837
	MAGNESIUM	MG/L	7		8	-	NOT RUN	8
	MANGANESE	UG/L	229		193	16	NOT RUN	222
	SODIUM	MG/L	79		80	-	NOT RUN	82
	TITANIUM	UG/L	6	L	4	33	NOT RUN	31

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DAILY ANALYTICAL RESULTS

PLANT 59

SAMPLE DATE ENDING 80/01/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	THICKENER OVERFLOW
CONVENTIONALS	BOD	MG/L	135	L 10	93	7800	60
	TOTAL SUSP. SOLIDS	MG/L	146	16	89	29700	93
	COD	MG/L	438	243	45	G 30000	284
	OIL & GREASE	MG/L	144	25	83	6960	58
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	95	40	58	10000	30
	TOTAL VOL. SUS. SOLIDS	MG/L	109	12	89	24000	70
	AMMONIA NITROGEN	MG/L	1	T 1	-	4	6
	TOC	MG/L	48	19	60	I 0	30
VOLATILES	BENZENE	UG/L	4	L 10	-	176	L 10
	CHLOROBENZENE	UG/L	L 10	L 10	-	5	L 10
	1,1,1-TRICHLOROETHANE	UG/L	30	5	83	L 25	11
	1,1-DICHLOROETHANE	UG/L	L 10	L 10	-	128	L 10
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 10	L 10	-	19	L 10
	CHLOROFORM	UG/L	7	4	43	10	6
	1,2-TRANS-DICHLOROETHYLENE	UG/L	4	L 10	-	12900	L 10
	1,2-DICHLOROPROPANE	UG/L	L 10	L 10	-	) 53	L 10
	ETHYLBENZENE	UG/L	135	L 10	93	268	14
	METHYLENE CHLORIDE	UG/L	110	135	-	31	130
	DICHLOROBROMOMETHANE	UG/L	L 10	L 10	-	853	L 10
	TETRACHLOROETHYLENE	UG/L	62	4	94	8	26
	TOLUENE	UG/L	190	L 10	95	189	L 10
	TRICHLOROETHYLENE	UG/L	57	L 10	82	L 25	14
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	L 63	1	-	L 50	2
	PHENOL	UG/L	61	4	93	1700	5
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	5	L 17	-	L 30	L 26
	FLUORANTHENE	UG/L	L 10	L 8	-	85	L 13
	NAPHTHALENE	UG/L	15	L 17	-	320	L 26
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	400	17	96	47000	78
	DI-N-BUTYL PHTHALATE	UG/L	29	4	86	1500	10
	DI-N-OCTYL PHTHALATE	UG/L	L 20	L 17	-	L 20	3
	DIETHYL PHTHALATE	UG/L	14	3	79	L 10	73
	1,2-BENZANTHRACENE	UG/L	L 10	L 8	-	200	L 13
	CHRYSENE	UG/L	L 10	L 8	-	200	L 13
	ANTHRACENE	UG/L	L 20	L 7	-	280	L 26
	PHENANTHRENE	UG/L	L 20	L 17	-	280	L 26
	PYRENE	UG/L	L 10	L 8	-	190	L 13
METALS	ANTIMONY	UG/L	L 5	L 5	-	16	L 5
	ARSENIC	UG/L	2	3	-	17	1
	CADMIUM	UG/L	L 100	L 100	-	23	L 100
	CHROMIUM	UG/L	710	180	75	6900	420
	COPPER	UG/L	160	20	88	7300	100
	CYANIDE	UG/L	35	15	57	L 10	L 10
	LEAD	UG/L	L 200	L 200	-	2200	L 200
	MERCURY	NG/L	400	L 100	75	35000	200
	NICKEL	UG/L	180	90	50	2200	130

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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 59

SAMPLE DATE ENDING 80/01/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL		COMBINED SLUDGE	THICKENER OVERFLOW
METALS	SELENIUM	UG/L	1	L	1	-	L	2	2
	SILVER	UG/L	12	L	2	83		580	4
	ZINC	UG/L	750		184	75		22000	559
NON-CONV. METALS	ALUMINUM	UG/L	2300		300	87		NOT RUN	2100
	BARIUM	UG/L	150		80	47		NOT RUN	100
	BORON	UG/L	470		460	2		NOT RUN	380
	CALCIUM	MG/L	48		44	8		NOT RUN	45
	IRON	UG/L	1740		190	89		NOT RUN	1100
	MAGNESIUM	MG/L	7		8	-		NOT RUN	7
	SODIUM	MG/L	83		82	1		NOT RUN	79
	TITANIUM	UG/L	7	L	4	43		NOT RUN	4
	VANADIUM	UG/L	L 5	L	5	-		NOT RUN	5

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N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 59

SAMPLE DATE ENDING 80/01/24 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL		COMBINED SLUDGE		THICKENER OVERFLOW
CONVENTIONALS	BOD	MG/L		120	L	10	92	I	0		70
	TOTAL SUSP. SOLIDS	MG/L	I	2200		12	99		23750		111
	COD	MG/L		438		114	74	G	30000		269
	OIL & GREASE	MG/L		46		13	72		5890		18
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L		590		50	92		1125		100
	TOTAL VOL. SUS. SOLIDS	MG/L	I	2042		9	100		18150		80
	AMMONIA NITROGEN	MG/L	T	1	T	1	-		24	T	1
	TOC	MG/L		48		27	44	I	0		36
VOLATILES	BENZENE	UG/L		2	L	10	-		82	L	10
	CHLOROBENZENE	UG/L	L	10	L	10	-		5	L	10
	1,1,1-TRICHLOROETHANE	UG/L		11		1	91	L	25		2
	1,1-DICHLOROETHANE	UG/L	L	10	L	10	-		52	L	10
	1,1,2,2-TETRACHLOROETHANE	UG/L	L	10	L	10	-		12	L	10
	CHLOROFORM	UG/L		9		4	56		12		4
	1,2-TRANS-DICHLOROETHYLENE	UG/L		5	L	10	-		1767	L	10
	1,2-DICHLOROPROPANE	UG/L	L	10	L	10	-		32	L	10
	ETHYLBENZENE	UG/L		14	L	10	29		483	L	10
	METHYLENE CHLORIDE	UG/L		67		17	75		111		200
	DICHLOROBROMOMETHANE	UG/L	L	10	L	10	-		482	L	10
	TETRACHLOROETHYLENE	UG/L		43		2	95	L	25		13
	TOLUENE	UG/L		230		22	90		229	L	10
	TRICHLOROETHYLENE	UG/L		42		2	95	L	25		9
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	L	67	T	1	-	L	50		4
	4,6-DINITRO-O-CRESOL	UG/L	L	67		1	-	L	200	L	60
	PHENOL	UG/L		120		2	98		1200		1
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	L	34		1	-	L	30		4
	1,4-DICHLOROBENZENE	UG/L	L	34	L	21	-	L	30		1
	FLUORANTHENE	UG/L	L	17	L	11	-		170	L	11
	ISOPHORONE	UG/L	L	34		2	-	L	300	L	22
	NAPHTHALENE	UG/L		9	L	21	-		200	L	22
	NITROBENZENE	UG/L	L	34		4	-	L	10		42
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L		160		50	69		23000		43
	DI-N-BUTYL PHTHALATE	UG/L		95		4	96		2300		18
	DI-N-OCTYL PHTHALATE	UG/L		7		1	86	L	10		7
	DIETHYL PHTHALATE	UG/L	L	34		8	-	L	20		6
	1,2-BENZANTHRACENE	UG/L	L	17	L	11	-		250	L	11
	CHRYSENE	UG/L	L	17	L	11	-		250	L	11
	ANTHRACENE	UG/L	L	34	L	21	-		380	L	22
	PHENANTHRENE	UG/L	L	34	L	21	-		380	L	22
	PYRENE	UG/L	L	17	L	11	-		280	L	11
METALS	ANTIMONY	UG/L	L	5	L	5	-		20	L	5
	ARSENIC	UG/L		1	L	1	-		12	L	1
	BERYLLIUM	UG/L	L	10	L	10	-		18	L	10
	CADMIUM	UG/L	L	100	L	100	-		40	L	100
	CHROMIUM	UG/L		470		180	62		6600		330

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/01/24
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 59

SAMPLE DATE ENDING 80/01/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL		COMBINED SLUDGE		THICKENER OVERFLOW
METALS	COPPER	UG/L	130		20	85		7700		70
	CYANIDE	UG/L	15	L	10	33	L	10		25
	LEAD	UG/L	L 200	L	260	-		1900	L	200
	MERCURY	NG/L	300	L	100	67		27000		200
	NICKEL	UG/L	220		120	45		1600		180
	SELENIUM	UG/L	L 1	L	1	-		5	L	1
	SILVER	UG/L	12		4	67		1400		9
	ZINC	UG/L	755		194	74		12000		662
NON-CONV. METALS	ALUMINUM	UG/L	2400		400	83		NOT RUN		1800
	BARIUM	UG/L	160		60	63		NOT RUN		120
	BORON	UG/L	420		260	38		NOT RUN		470
	CALCIUM	MG/L	48		45	6		NOT RUN		55
	IRON	UG/L	1670		2090	-		NOT RUN		950
	MAGNESIUM	MG/L	8		7	13		NOT RUN		9
	MANGANESE	UG/L	224		198	12		NOT RUN		237
	SODIUM	MG/L	87		86	1		NOT RUN		102
	TITANIUM	UG/L	9		17	-		NOT RUN		4
	VANADIUM	UG/L	10		8	20		NOT RUN		10

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/01/24
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 59

SAMPLE DATE ENDING 80/01/25 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL		COMBINED SLUDGE		THICKENER OVERFLOW
CONVENTIONALS	BOD	MG/L		120	L	10	92	I	0		45
	TOTAL SUSP. SOLIDS	MG/L		160		17	89		29375		62
	COD	MG/L		567		181	68	G	30000		207
	OIL & GREASE	MG/L		51		2	96		7665		10
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L		180		65	64		1500		70
	TOTAL VOL. SUS. SOLIDS	MG/L		142		14	90		23075		61
	AMMONIA NITROGEN	MG/L	T	1		9	-		38	T	1
	TOC	MG/L		51		27	47	I	0		31
VOLATILES	BENZENE	UG/L		2	L	10	-		6	L	10
	CHLOROBENZENE	UG/L	L	10	L	10	-		24	L	10
	1,1,1-TRICHLOROETHANE	UG/L		5		3	40	L	25		7
	1,1-DICHLOROETHANE	UG/L	L	10	L	10	-		32	L	10
	1,1,2,2-TETRACHLOROETHANE	UG/L	L	10	L	10	-		75	L	10
	CHLOROFORM	UG/L		5		9	-	L	25		9
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L	10	L	10	-		353	L	10
	1,2-DICHLOROPROPANE	UG/L	L	10	L	10	-		13	L	10
	ETHYLBENZENE	UG/L		44	T	1	98		123		15
	METHYLENE CHLORIDE	UG/L		96		55	43	L	25		52
	DICHLORODBROMOMETHANE	UG/L	L	10	L	10	-		431	L	10
	TETRACHLOROETHYLENE	UG/L		66		7	89	L	25		11
	TOLUENE	UG/L		400	L	10	97		157	L	10
	TRICHLOROETHYLENE	UG/L		22		11	50		181		17
ACID EXTRACT	2,4-DIMETHYLPHENOL	UG/L	L	78	L	48	-	L	50		5
	PHENOL	UG/L		23		6	74		500		3
BASE-NEUTRALS	FLUORANTHENE	UG/L	L	13	L	10	-		190	L	10
	ISOPHORONE	UG/L	L	26		8	-	L	300		4
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L		230		44	81		24000		95
	DI-N-BUTYL PHTHALATE	UG/L		14		4	71		1300		6
	DI-N-OCTYL PHTHALATE	UG/L	L	26		3	-	L	20	L	19
	DIETHYL PHTHALATE	UG/L		8		3	63	L	10		24
	1,2-BENZANTHRACENE	UG/L	L	13	L	10	-		370	L	10
	CHRYSENE	UG/L	L	13	L	10	-		370	L	10
	ANTHRACENE	UG/L	L	26	L	20	-		400	L	19
	PHENANTHRENE	UG/L	L	26	L	20	-		400	L	19
	PYRENE	UG/L	L	13	L	10	-		330	L	10
PESTICIDES	4,4'-DDT	NG/L	L	1000		490	-		N-D	L	10000
METALS	ANTIMONY	UG/L	L	5	L	5	-		12	L	1
	ARSENIC	UG/L	L	1	L	1	-		4	L	1
	BERYLLIUM	UG/L	L	10	L	10	-		23	L	10
	CHROMIUM	UG/L		270		890	-		2800		20%
	COPPER	UG/L		160		30	81		6500		70
	LEAD	UG/L	L	200	L	200	-		2700	L	20%
	MERCURY	NG/L		600		200	67		52000		40%
	NICKEL	UG/L		170		120	29		940		17%

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/01/25
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N-D=NOT DETECTED.

DAILY ANALYTICAL RESULTS

PLANT 59

SAMPLE DATE ENDING 80/01/25 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	THICKENER OVERFLOW
METALS	SELENIUM	UG/L	L 1	L 1	-	9	L 1
	SILVER	UG/L	11	3	73	1600	6
	ZINC	UG/L	705	256	64	15000	514
NON-CONV. METALS	ALUMINUM	UG/L	2700	400	85	NOT RUN	1600
	BARIUM	UG/L	250	70	72	NOT RUN	100
	BORON	UG/L	430	270	37	NOT RUN	450
	CALCIUM	MG/L	49	46	6	NOT RUN	55
	IRON	UG/L	2370	260	89	NOT RUN	820
	MAGNESIUM	MG/L	8	8	-	NOT RUN	10
	MANGANESE	UG/L	252	1260	-	NOT RUN	245
	SODIUM	MG/L	88	91	-	NOT RUN	104
	TITANIUM	UG/L	14	4	71	NOT RUN	4
	VANADIUM	UG/L	13	16	-	NOT RUN	14

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N D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 59

SAMPLE DATE ENDING 80/01/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	THICKENER OVERFLOW
CONVENTIONALS	BOD	MG/L	200	40	80	I 0	102
	TOTAL SUSP. SOLIDS	MG/L	188	10	95	31600	75
	COD	MG/L	310	264	15	G 30000	264
	OIL & GREASE	MG/L	61	3	95	7400	25
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	110	40	64	L 625	60
	TOTAL VOL. SUS. SOLIDS	MG/L	174	10	94	24400	75
	AMMONIA NITROGEN	MG/L	T 1	T 1	-	21	2
	TOC	MG/L	61	22	64	I 0	35
VOLATILES	BENZENE	UG/L	12	L 10	17	5	L 10
	CHLOROBENZENE	UG/L	L 10	L 10	-	29	L 10
	1,1,1-TRICHLOROETHANE	UG/L	53	7	87	L 25	2
	1,1-DICHLOROETHANE	UG/L	L 10	L 10	-	19	L 10
	1,1,2-TRICHLOROETHANE	UG/L	L 10	L 10	-	38	L 10
	1,1,2,2-TETRACHLOROETHANE	UG/L	L 10	L 10	-	18	L 10
	CHLOROFORM	UG/L	15	8	47	13	2
	1,2-TRANS-DICHLOROETHYLENE	UG/L	10	L 10	-	1924	L 10
	1,2-DICHLOROPROPANE	UG/L	L 10	L 10	-	8	L 10
	ETHYLBENZENE	UG/L	63	L 10	84	135	L 10
	METHYLENE CHLORIDE	UG/L	94	36	62	L 25	22
	DICHLOROBROMOMETHANE	UG/L	L 10	L 10	-	79	L 10
	TETRACHLOROETHYLENE	UG/L	800	200	75	L 25	L 10
	TOLUENE	UG/L	900	L 10	99	191	L 10
	TRICHLOROETHYLENE	UG/L	240	42	82	90	250
ACID EXTRACT	2-CHLOROPHENOL	UG/L	39	L 57	-	L 10	L 67
	PHENOL	UG/L	43	4	91	4100	L 81
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	4	L 17	-	L 30	3
	1,4-DICHLOROBENZENE	UG/L	L 30	L 17	-	L 30	5
	FLUORANTHENE	UG/L	L 15	L 8	-	150	L 8
	NAPHTHALENE	UG/L	120	L 17	86	L 10	3
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	420	71	83	24000	61
	DI-N-BUTYL PHTHALATE	UG/L	L 30	4	-	450	26
	DI-N-OCTYL PHTHALATE	UG/L	28	L 17	39	L 20	2
	DIETHYL PHTHALATE	UG/L	15	2	87	L 10	5
	1,2-BENZANTHRACENE	UG/L	L 15	L 8	-	280	L 8
	CHRYSENE	UG/L	L 15	L 8	-	280	L 8
	ANTHRACENE	UG/L	L 30	L 17	-	340	L 15
	PHENANTHRENE	UG/L	L 30	L 17	-	340	L 15
	PYRENE	UG/L	L 15	L 8	-	250	L 8
METALS	ANTIMONY	UG/L	L 5	L 5	-	16	L 5
	ARSENIC	UG/L	L 1	L 1	-	8	L 1
	BERYLLIUM	UG/L	L 10	L 10	-	36	L 10
	CADMIUM	UG/L	L 100	L 100	-	380	L 100
	CHROMIUM	UG/L	810	70	91	4300	230
	COPPER	UG/L	360	20	94	73000	130
	CYANIDE	UG/L	85	25	71	L 10	L 10

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/01/26

L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 59

SAMPLE DATE ENDING 80/01/26 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE		THICKENER OVERFLOW
METALS	LEAD	UG/L	L	200		200	-	1800	L	200
	MERCURY	NG/L		200		200	-	27000		300
	NICKEL	UG/L		220		110	50	1600		150
	SELENIUM	UG/L	L	1		NOT RUN	-	2		NOT RUN
	SILVER	UG/L		10		NOT RUN	-	720		NOT RUN
	ZINC	UG/L		1130		203	82	15000		537
NON-CONV. METALS	ALUMINUM	UG/L		62800		300	100	NOT RUN		1900
	BARIUM	UG/L		170		70	59	NOT RUN		100
	BORON	UG/L		480		420	13	NOT RUN		440
	CALCIUM	MG/L		49		45	8	NOT RUN		50
	IRON	UG/L		2880		220	92	NOT RUN		870
	MAGNESIUM	MG/L		9		8	11	NOT RUN		9
	MANGANESE	UG/L		247		200	19	NOT RUN		231
	SODIUM	MG/L		85		92	-	NOT RUN		96
	TITANIUM	UG/L		27	L	14	48	NOT RUN		8
	VANADIUM	UG/L		16		12	25	NOT RUN		7

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/01/26
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DAILY ANALYTICAL RESULTS

PLANT 59

SAMPLE DATE ENDING 80/01/27 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	THICKENER OVERFLOW
CONVENTIONALS	BOD	MG/L	228	L 10	96	G 5100	120
	TOTAL SUSP. SOLIDS	MG/L	232	15	94	31550	86
	COD	MG/L	300	104	65	G 30000	346
	OIL & GREASE	MG/L	72	2	97	5570	22
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	90	25	72	1250	50
	TOTAL VOL. SUS. SOLIDS	MG/L	198	13	93	24930	70
	AMMONIA NITROGEN	MG/L	T 1	T 1	-	44	T 1
	TOC	MG/L	43	22	49	I 0	26
VOLATILES	BENZENE	UG/L	17	L 10	41	24	L 10
	CHLOROBENZENE	UG/L	L 10	L 10	-	10	L 10
	1,1,1-TRICHLOROETHANE	UG/L	3	2	33	L 25	L 10
	1,1-DICHLOROETHANE	UG/L	L 10	L 10	-	16	L 10
	CHLOROFORM	UG/L	3	5	-	11	2
	1,2-TRANS-DICHLOROETHYLENE	UG/L	1	L 10	-	1841	L 10
	1,2-DICHLOROPROPANE	UG/L	L 10	L 10	-	25	L 10
	ETHYLBENZENE	UG/L	T 1	L 10	-	64	L 10
	METHYLENE CHLORIDE	UG/L	4	6	-	L 25	3
	DICHLOROBROMOMETHANE	UG/L	L 10	L 10	-	79	L 10
	TETRACHLOROETHYLENE	UG/L	280	58	79	15	L 10
	TOLUENE	UG/L	L 10	1	-	124	T 1
	TRICHLOROETHYLENE	UG/L	L 10	L 10	-	190	L 10
ACID EXTRACT	4,6-DINITRO-O-CRESOL	UG/L	L 60	L 60	-	L 200	15
	PHENOL	UG/L	32	L 72	-	4500	1
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	3	L 23	-	L 30	L 18
	FLUORANTHENE	UG/L	L 8	L 11	-	89	L 9
	ISOPHORONE	UG/L	L 17	8	-	L 300	L 18
	NAPHTHALENE	UG/L	10	L 23	-	L 10	1
	NITROBENZENE	UG/L	220	L 23	90	L 100	L 18
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	89	18	80	17000	37
	DI-N-BUTYL PHTHALATE	UG/L	200	8	96	3066	19
	DI-N-OCTYL PHTHALATE	UG/L	L 17	L 23	-	L 20	23
	DIETHYL PHTHALATE	UG/L	9	8	11	L 10	10
	1,2-BENZANTHRACENE	UG/L	L 8	L 11	-	200	L 9
	11,12-BENZOFLUORANTHENE	UG/L	L 8	L 11	-	960	L 9
	CHRYSENE	UG/L	L 8	L 11	-	200	L 9
	ANTHRACENE	UG/L	L 17	L 23	-	230	L 18
	PHENANTHRENE	UG/L	L 17	L 23	-	230	L 18
	PYRENE	UG/L	L 8	L 11	-	150	L 9
METALS	ANTIMONY	UG/L	L 5	L 5	-	6	L 5
	ARSENIC	UG/L	L 1	L 1	-	1	L 1
	BERYLLIUM	UG/L	L 10	L 10	-	21	L 10
	CADMIUM	UG/L	L 100	L 100	-	15	L 100
	CHROMIUM	UG/L	170	50	71	7100	100
	COPPER	UG/L	120	20	83	11000	70
	CYANIDE	UG/L	20	L 10	50	L 10	L 10

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/01/27
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 59

SAMPLE DATE ENDING 80/01/27 0800 HOURS

FRACTION	PARAMETER	UNITS		INFLUENT		SECONDARY EFFLUENT	PERCENT REMOVAL		COMBINED SLUDGE		THICKENER OVERFLOW
METALS	LEAD	UG/L	L	200	L	200	-		1800	L	200
	MERCURY	NG/L		200	L	100	50		24000	L	100
	NICKEL	UG/L		100		90	10		1600		150
	SELENIUM	UG/L		2		3	-	L	1	L	1
	SILVER	UG/L		5	L	3	40		840		4
	ZINC	UG/L		698		203	71		14000		483
NON-CONV. METALS	ALUMINUM	UG/L		2900		300	90		NOT RUN		1370
	BARIUM	UG/L		160		60	63		NOT RUN		100
	BORON	UG/L		450		400	11		NOT RUN		410
	CALCIUM	MG/L		49		45	8		NOT RUN		48
	IRON	UG/L		2210		165	93		NOT RUN		859
	MAGNESIUM	MG/L		8		8	-		NOT RUN		8
	MANGANESE	UG/L		243		189	22		NOT RUN		203
	SODIUM	MG/L		94		92	2		NOT RUN		94
	TITANIUM	UG/L		15		28	-		NOT RUN		5
	VANADIUM	UG/L		13	L	5	62		NOT RUN	L	5

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/01/27
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N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE
CONVENTIONALS	BOD	MG/L	890	50	94	11700	G 26000
	TOTAL SUSP. SOLIDS	MG/L	500	27	95	57000	198000
	COD	MG/L	2000	230	88	28000	G 30000
	OIL & GREASE	MG/L	120	30	75	1500	20000
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	330	L 5	98	5200	2900
	TOTAL VOL. SUS. SOLIDS	MG/L	420	22	95	38000	111000
	AMMONIA NITROGEN	MG/L	6	6	-	152	104
	TOC	MG/L	460	95	79	13250	7750
VOLATILES	BENZENE	UG/L	2	L 10	-	2	60
	CHLOROBENZENE	UG/L	L 10	L 10	-	L 10	8
	1,2-DICHLORDETHANE	UG/L	L 10	L 10	-	17	L 25
	1,1,1-TRICHLORDETHANE	UG/L	340	20	94	L 25	L 25
	1,1-DICHLORDETHANE	UG/L	19	L 7	63	10	8
	CHLORDETHANE	UG/L	L 10	L 10	-	18	L 100
	CHLOROFORM	UG/L	2	1	50	L 25	7
	1,1-DICHLORDETHYLENE	UG/L	6	L 7	-	L 25	10
	1,2-TRANS-DICHLORDETHYLENE	UG/L	15	L 1	93	211	15
	ETHYLBENZENE	UG/L	20	1	95	31	88
	METHYLENE CHLORIDE	UG/L	14	12	14	567	303
	TRICHLOROFLUOROMETHANE	UG/L	1	L 4	-	L 25	L 25
	TETRACHLORDETHYLENE	UG/L	18	3	83	L 25	110
	TOLUENE	UG/L	23	L 1	96	2360	377
	TRICHLORDETHYLENE	UG/L	13	2	85	L 25	60
ACID EXTRACT	4-NITROPHENOL	UG/L	550	L 25	95	L 300	L 300
	PENTACHLOROPHENOL	UG/L	4	L 25	-	L 200	L 300
	PHENOL	UG/L	650	3	100	3600	2200
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	140	L 10	93	L 30	L 30
	1,3-DICHLOROBENZENE	UG/L	L 10	L 10	-	608	180
	1,4-DICHLOROBENZENE	UG/L	22	L 10	55	2400	905
	FLUORANTHENE	UG/L	L 5	L 5	-	170	L 10
	NAPHTHALENE	UG/L	200	L 10	95	3500	880
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	9	2	78	8600	9601600
	BUTYL BENZYL PHTHALATE	UG/L	13	L 10	23	L 20	L 20
	DI-N-BUTYL PHTHALATE	UG/L	24	L 10	58	L 10	L 10
	DIETHYL PHTHALATE	UG/L	9	L 10	-	L 10	L 10
	DIMETHYL PHTHALATE	UG/L	5	L 10	-	L 20	L 20
	ANTHRACENE	UG/L	1	L 10	-	L 10	L 10
	PHENANTHRENE	UG/L	1	L 10	-	260	L 10
	PYRENE	UG/L	L 5	L 5	-	160	L 10
PESTICIDES	ALPHA-ENDOSULFAN	NG/L	L 1000	1333	-	N-D	N-D
	BETA-ENDOSULFAN	NG/L	L 1000	680	-	N-D	N-D
	HEPTACHLOR EPOXIDE	NG/L	L 1000	200	-	N-D	N-D
	GAMMA-BHC	NG/L	500	L 1000	-	N-D	N-D
METALS	ANTIMONY	UG/L	L 1	2	-	120	22

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/23
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N-D=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/23 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE
METALS	ARSENIC	UG/L	1	1	-	180	42
	CADMIUM	UG/L	5	L 2	60	670	53
	CHROMIUM	UG/L	4350	124	97	I 0	I 0
	COPPER	UG/L	102	6	94	I 0	8800
	CYANIDE	UG/L	28	10	64	2500	1500
	LEAD	UG/L	L 40	L 40	-	58000	8800
	MERCURY	NG/L	2000	L 1000	50	860000	80000
	NICKEL	UG/L	193	123	36	I 0	4100
	SELENIUM	UG/L	L 1	2	-	72	20
	SILVER	UG/L	1	2	-	500	190
	ZINC	UG/L	1290	140	89	I 0	70000
NON-CONV. METALS	ALUMINUM	UG/L	1100	182	83	NOT RUN	NOT RUN
	BARIUM	UG/L	75	18	76	NOT RUN	NOT RUN
	BORON	UG/L	601	478	20	NOT RUN	NOT RUN
	CALCIUM	MG/L	149000	71800	52	NOT RUN	NOT RUN
	IRON	UG/L	2380	718	70	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	17100	14000	18	NOT RUN	NOT RUN
	MANGANESE	UG/L	116	108	7	NOT RUN	NOT RUN
	SODIUM	MG/L	456000	268000	41	NOT RUN	NOT RUN
	TIN	UG/L	218	322	-	NOT RUN	NOT RUN
	TITANIUM	UG/L	28	6	79	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/23
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/23 0800 HOURS

FRACTION	PARAMETER	UNITS	OTHER INFLUENT	PRIMARY EFFLUENT	TAP WATER
CONVENTIONALS	BOD	MG/L	2900	450	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	1700	190	NOT RUN
	COD	MG/L	5400	990	NOT RUN
	OIL & GREASE	MG/L	500	70	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1100	160	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	1500	150	NOT RUN
	AMMONIA NITROGEN	MG/L	27	L 1	NOT RUN
	TOC	MG/L	1750	300	NOT RUN
VOLATILES	BENZENE	UG/L	L 10	2	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	L 10	240	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 10	8	NOT RUN
	CHLOROFORM	UG/L	L 10	2	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	L 10	4	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 10	14	NOT RUN
	ETHYLBENZENE	UG/L	330	14	NOT RUN
	METHYLENE CHLORIDE	UG/L	L 10	180	NOT RUN
	TETRACHLOROETHYLENE	UG/L	L 10	16	NOT RUN
	TOLUENE	UG/L	310	L 10	NOT RUN
	TRICHLOROETHYLENE	UG/L	L 10	19	NOT RUN
ACID EXTRACT	2,4-DINITROPHENOL	UG/L	250	L 25	NOT RUN
	PENTACHLOROPHENOL	UG/L	3	L 1	NOT RUN
	PHENOL	UG/L	304	120	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	230	46	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	17	L 10	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	40	7	NOT RUN
	NAPHTHALENE	UG/L	230	100	NOT RUN
	NITROBENZENE	UG/L	111	L 10	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	12	4	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	L 20	12	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	6	9	NOT RUN
	DIETHYL PHTHALATE	UG/L	L 20	9	NOT RUN
	DIMETHYL PHTHALATE	UG/L	L 20	4	NOT RUN
METALS	ANTIMONY	UG/L	NOT RUN	1	NOT RUN
	ARSENIC	UG/L	NOT RUN	6	NOT RUN
	CADMIUM	UG/L	6	L 2	NOT RUN
	CHROMIUM	UG/L	40600	649	NOT RUN
	COPPER	UG/L	238	49	NOT RUN
	CYANIDE	UG/L	L 10	15	NOT RUN
	LEAD	UG/L	870	L 40	NOT RUN
	NICKEL	UG/L	L 30	323	NOT RUN
	SELENIUM	UG/L	NOT RUN	1	NOT RUN
	SILVER	UG/L	NOT RUN	2	NOT RUN
	ZINC	UG/L	197	748	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1200	334	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/23
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/23 0800 HOURS

FRACTION	PARAMETER	UNITS	OTHER INFLUENT	PRIMARY EFFLUENT	TAP WATER
NON-CONV. METALS	BARIUM	UG/L	NOT RUN	41	NOT RUN
	BORON	UG/L	NOT RUN	481	NOT RUN
	CALCIUM	MG/L	391000	78200	NOT RUN
	IRON	UG/L	3170	3220	NOT RUN
	MAGNESIUM	MG/L	2780	13100	NOT RUN
	MANGANESE	UG/L	164	75	NOT RUN
	SODIUM	MG/L	1360000	309000	NOT RUN
	TIN	UG/L	NOT RUN	176	NOT RUN
	TITANIUM	UG/L	L 500	10	NOT RUN

730

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/23
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DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE
CONVENTIONALS	BOD	MG/L	540	L 10	98	9400	G 24000
	TOTAL SUSP. SOLIDS	MG/L	720	100	86	44000	205000
	COD	MG/L	1600	80	95	29000	G 30000
	OIL & GREASE	MG/L	140	30	79	1500	15900
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	410	L 5	99	2400	3400
	TOTAL VOL. SUS. SOLIDS	MG/L	470	60	87	29000	111000
	AMMONIA NITROGEN	MG/L	6	5	17	104	177
	TOC	MG/L	420	170	60	10750	8825
VOLATILES	BENZENE	UG/L	5	L 10	-	1	38
	CHLOROBENZENE	UG/L	L 10	L 10	-	L 10	6
	1,2-DICHLOROETHANE	UG/L	3	1	67	17	L 25
	1,1,1-TRICHLOROETHANE	UG/L	1800	70	96	L 25	L 25
	1,1-DICHLOROETHANE	UG/L	17	L 1	94	137	L 25
	CHLOROETHANE	UG/L	L 10	L 10	-	11	L 100
	CHLOROFORM	UG/L	2	1	50	1	3
	1,1-DICHLOROETHYLENE	UG/L	29	L 1	97	L 25	L 25
	1,2-TRANS-DICHLOROETHYLENE	UG/L	13	L 10	23	120	18
	ETHYLBENZENE	UG/L	7	L 1	86	60	152
	METHYLENE CHLORIDE	UG/L	5	3	40	127	L 25
	DICHLORODIFLUOROMETHANE	UG/L	L 10	L 10	-	L 100	14
	TETRACHLOROETHYLENE	UG/L	23	L 1	96	L 25	95
	TOLUENE	UG/L	22	L 1	95	5200	279
	TRICHLOROETHYLENE	UG/L	9	L 1	89	L 25	9
ACID EXTRACT	4-NITROPHENOL	UG/L	470	L 25	95	L 300	L 300
	PHENOL	UG/L	500	2	100	1900	1200
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	350	6	98	370	1200
	1,4-DICHLOROBENZENE	UG/L	60	L 10	83	55	140
	FLUORANTHENE	UG/L	L 5	L 5	-	L 10	39
	NAPHTHALENE	UG/L	380	L 10	97	280	1200
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	20	3	85	690	5920
	BUTYL BENZYL PHTHALATE	UG/L	9	L 10	-	L 20	L 20
	DI-N-BUTYL PHTHALATE	UG/L	8	L 1	88	L 20	120
	DIETHYL PHTHALATE	UG/L	5	L 10	-	L 10	L 10
	PHENANTHRENE	UG/L	L 1	L 10	-	27	L 10
	PYRENE	UG/L	L 5	L 5	-	L 10	44
PESTICIDES	DELTA-BHC	NG/L	800	L 1000	-	N-D	N-D
METALS	ANTIMONY	UG/L	L 1	L 1	-	33	100
	ARSENIC	UG/L	2	2	-	L 5	L 13
	CADMIUM	UG/L	4	L 2	50	99	260
	CHROMIUM	UG/L	6430	135	98	16000	190000
	COPPER	UG/L	73	7	90	6400	31000
	CYANIDE	UG/L	140	100	29	4000	1500
	LEAD	UG/L	L 40	L 40	-	6500	37000
	MERCURY	NG/L	2000	L 1000	50	100000	630000

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/24
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DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/24 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE
METALS	NICKEL	UG/L	140	164	-	1800	9100
	SELENIUM	UG/L	L 1	L 1	-	10	L 8
	SILVER	UG/L	2	L 1	50	76	220
	ZINC	UG/L	1330	136	90	52000	260000
NON-CONV. METALS	ALUMINUM	UG/L	1220	204	83	NOT RUN	NOT RUN
	BARIUM	UG/L	60	19	68	NOT RUN	NOT RUN
	BORON	UG/L	380	749	-	NOT RUN	NOT RUN
	CALCIUM	MG/L	179000	85300	52	NOT RUN	NOT RUN
	IRON	UG/L	2610	566	78	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	20100	15400	23	NOT RUN	NOT RUN
	MANGANESE	UG/L	153	98	36	NOT RUN	NOT RUN
	SODIUM	MG/L	408000	292000	28	NOT RUN	NOT RUN
	TIN	UG/L	102	78	24	NOT RUN	NOT RUN
	TITANIUM	UG/L	25	L 2	92	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/24 0800 HOURS

FRACTION	PARAMETER	UNITS	OTHER INFLUENT	PRIMARY EFFLUENT	TAP WATER
CONVENTIONALS	BOD	MG/L	1500	290	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	1700	84	NOT RUN
	COD	MG/L	4800	960	NOT RUN
	OIL & GREASE	MG/L	420	50	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1300	340	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	1100	62	NOT RUN
	AMMONIA NITROGEN	MG/L	5	5	NOT RUN
	TOC	MG/L	1120	220	NOT RUN
VOLATILES	BENZENE	UG/L	14	3	NOT RUN
	1,2-DICHLOROETHANE	UG/L	L 10	3	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	L 10	1000	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 10	22	NOT RUN
	CHLOROFORM	UG/L	L 10	2	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	L 10	26	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 10	9	NOT RUN
	ETHYLBENZENE	UG/L	20	4	NOT RUN
	METHYLENE CHLORIDE	UG/L	L 10	4	NOT RUN
	TETRACHLOROETHYLENE	UG/L	L 10	17	NOT RUN
	TOLUENE	UG/L	27	11	NOT RUN
	TRICHLOROETHYLENE	UG/L	L 10	8	NOT RUN
	VINYL CHLORIDE	UG/L	L 10	4	NOT RUN
ACID EXTRACT	4-NITROPHENOL	UG/L	160	L 25	NOT RUN
	PENTACHLOROPHENOL	UG/L	L 50	2	NOT RUN
	PHENOL	UG/L	465	260	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	6	65	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	47	8	NOT RUN
	NAPHTHALENE	UG/L	282	250	NOT RUN
	NITROBENZENE	UG/L	109	L 10	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	3	12	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	L 20	5	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 20	5	NOT RUN
	DIETHYL PHTHALATE	UG/L	L 20	10	NOT RUN
METALS	CADMIUM	UG/L	5	L 2	NOT RUN
	CHROMIUM	UG/L	49500	833	NOT RUN
	COPPER	UG/L	102	42	NOT RUN
	CYANIDE	UG/L	L 10	120	NOT RUN
	LEAD	UG/L	480	L 40	NOT RUN
	MERCURY	NG/L	1000	L 1000	NOT RUN
	NICKEL	UG/L	40	134	NOT RUN
	ZINC	UG/L	219	677	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1960	317	NOT RUN
	BARIUM	UG/L	NOT RUN	29	NOT RUN
	BORON	UG/L	NOT RUN	427	NOT RUN
	CALCIUM	MG/L	510000	75800	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/24
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/24 0800 HOURS

FRACTION	PARAMETER	UNITS	OTHER INFLUENT	PRIMARY EFFLUENT	TAP WATER
NON-CONV. METALS	IRON	UG/L	4190	2360	NOT RUN
	MAGNESIUM	MG/L	382	13500	NOT RUN
	MANGANESE	UG/L	229	60	NOT RUN
	SODIUM	MG/L	1570000	303000	NOT RUN
	TIN	UG/L	NOT RUN	66	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/24
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
B IS NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/25 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE
CONVENTIONALS	BOD	MG/L	410	30	93	9400	57000
	TOTAL SUSP. SOLIDS	MG/L	380	21	94	34000	200000
	COD	MG/L	1300	40	97	28000	G 30000
	OIL & GREASE	MG/L	100	20	80	1100	6300
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	260	L 5	98	8900	3400
	TOTAL VOL. SUS. SOLIDS	MG/L	280	21	92	18000	110000
	AMMONIA NITROGEN	MG/L	6	7	-	143	15
	TOC	MG/L	260	100	62	9625	17850
VOLATILES	BENZENE	UG/L	2	L 10	-	2	19
	CHLOROBENZENE	UG/L	L 10	L 10	-	L 10	5
	1,2-DICHLOROETHANE	UG/L	L 1	L 7	-	27	L 25
	1,1,1-TRICHLOROETHANE	UG/L	610	51	92	35	L 25
	1,1-DICHLOROETHANE	UG/L	18	L 4	78	777	L 25
	CHLOROFORM	UG/L	3	1	67	L 25	2
	1,1-DICHLOROETHYLENE	UG/L	9	L 1	89	L 25	18
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 10	L 10	-	123	L 25
	ETHYLBENZENE	UG/L	5	L 10	-	57	83
	METHYLENE CHLORIDE	UG/L	8	3	63	73	L 25
	TETRACHLOROETHYLENE	UG/L	19	L 1	95	L 25	114
	TOLUENE	UG/L	14	L 1	93	9601970	111
	TRICHLOROETHYLENE	UG/L	7	L 4	43	L 25	5
ACID EXTRACT	PARACHLOROMETA CRESOL	UG/L	4	L 25	-	L 100	L 100
	PHENOL	UG/L	55	L 30	45	1100	1900
BASE-NEUTRALS	ACENAPHTHENE	UG/L	L 10	L 10	-	L 20	490
	1,2-DICHLOROBENZENE	UG/L	50	6	88	550	2200
	1,4-DICHLOROBENZENE	UG/L	11	4	64	63	300
	FLUORANTHENE	UG/L	L 5	L 5	-	110	780
	NAPHTHALENE	UG/L	220	L 10	95	370	.2800
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	45	2	96	670	17000
	BUTYL BENZYL PHTHALATE	UG/L	16	L 10	38	180	L 20
	DI-N-BUTYL PHTHALATE	UG/L	9	1	89	89	250
	DIETHYL PHTHALATE	UG/L	5	4	20	L 10	L 10
	DIMETHYL PHTHALATE	UG/L	L 10	2	-	L 20	L 20
	ACENAPHTHYLENE	UG/L	L 10	L 10	-	52	L 10
	PHENANTHRENE	UG/L	L 1	L 10	-	59	4028
	PYRENE	UG/L	L 5	L 5	-	110	560
PESTICIDES	ALPHA-BHC	NG/L	L 1000	200	-	N-D	N-D
METALS	ANTIMONY	UG/L	L 1	L 1	-	23	120
	ARSENIC	UG/L	L 1	1	-	8	59
	BERYLLIUM	UG/L	L 1	L 1	-	29	L 38
	CADMIUM	UG/L	L 2	L 2	-	85	190
	CHROMIUM	UG/L	2660	101	96	74000	33000
	COPPER	UG/L	77	4	95	5500	9200
	CYANIDE	UG/L	100	130	-	2000	1500

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/25
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/25 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE
METALS	LEAD	UG/L	L 40	L 40	-	5100	21000
	MERCURY	MG/L	1000	L 1000	-	95000	320000
	NICKEL	UG/L	136	120	12	1900	3900
	SELENIUM	UG/L	L 1	1	-	L 3	34
	SILVER	UG/L	L 1	L 1	-	120	110
	ZINC	UG/L	2050	98	95	72000	100000
NON-CONV. METALS	ALUMINUM	UG/L	793	116	85	NOT RUN	NOT RUN
	BARIUM	UG/L	63	20	68	NOT RUN	NOT RUN
	BORON	UG/L	311	383	-	NOT RUN	NOT RUN
	CALCIUM	MG/L	128000	83300	35	NOT RUN	NOT RUN
	IRON	UG/L	2650	254	90	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	16900	15400	9	NOT RUN	NOT RUN
	MANGANESE	UG/L	108	69	36	NOT RUN	NOT RUN
	SODIUM	MG/L	270000	274000	-	NOT RUN	NOT RUN
	TIN	UG/L	49	56	-	NOT RUN	NOT RUN
	TITANIUM	UG/L	22	L 2	91	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/25
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/25 0800 HOURS

FRACTION	PARAMETER	UNITS	OTHER INFLUENT	PRIMARY EFFLUENT	TAP WATER
CONVENTIONALS	BOD	MG/L	1800	310	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	1200	110	NOT RUN
	COD	MG/L	3400	880	L 25
	OIL & GREASE	MG/L	370	60	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	800	170	L 5
	TOTAL VOL. SUS. SOLIDS	MG/L	800	100	NOT RUN
	AMMONIA NITROGEN	MG/L	55	1	1
	TOC	MG/L	910	265	26
VOLATILES	BENZENE	UG/L	17	3	NOT RUN
	1,2-DICHLOROETHANE	UG/L	L 10	41	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	L 10	710	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 10	27	NOT RUN
	CHLOROFORM	UG/L	L 10	3	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	L 10	12	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 10	10	NOT RUN
	ETHYLBENZENE	UG/L	27	4	NOT RUN
	METHYLENE CHLORIDE	UG/L	L 10	6	NOT RUN
	TETRACHLOROETHYLENE	UG/L	L 10	16	NOT RUN
	TOLUENE	UG/L	20	18	NOT RUN
	TRICHLOROETHYLENE	UG/L	L 10	9	NOT RUN
ACID EXTRACT	PARACHLOROMETA CRESOL	UG/L	L 50	8	NOT RUN
	2,4-DIMETHYLPHENOL	UG/L	2	L 25	NOT RUN
	4-NITROPHENOL	UG/L	254	L 25	NOT RUN
	PENTACHLOROPHENOL	UG/L	2	L 25	NOT RUN
	PHENOL	UG/L	282	80	NOT RUN
BASE-NEUTRALS	ACENAPHTHENE	UG/L	1	L 10	NOT RUN
	1,2-DICHLOROBENZENE	UG/L	117	110	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	8	L 10	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	213	24	NOT RUN
	NAPHTHALENE	UG/L	315	200	NOT RUN
	NITROBENZENE	UG/L	17	L 10	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	7	6	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	L 20	2	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 20	2	NOT RUN
	DIETHYL PHTHALATE	UG/L	L 20	7	NOT RUN
PESTICIDES	HEPTACHLOR EPOXIDE	NG/L	N-D	200	NOT RUN
METALS	ARSENIC	UG/L	NOT RUN	1	NOT RUN
	CHROMIUM	UG/L	28000	695	NOT RUN
	COPPER	UG/L	63	38	NOT RUN
	CYANIDE	UG/L	L 10	180	L 10
	LEAD	UG/L	72	L 40	NOT RUN
	MERCURY	NG/L	1000	L 1000	NOT RUN
	NICKEL	UG/L	L 30	115	NOT RUN
	ZINC	UG/L	132	941	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/25
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/25 0800 HOURS

FRACTION	PARAMETER	UNITS	OTHER INFLUENT	PRIMARY EFFLUENT	TAP WATER
NON-CONV. METALS	ALUMINUM	UG/L	1200	290	NOT RUN
	BARIUM	UG/L	NOT RUN	34	NOT RUN
	BORON	UG/L	NOT RUN	418	NOT RUN
	CALCIUM	MG/L	400000	85300	NOT RUN
	IRON	UG/L	3600	2661	NOT RUN
	MAGNESIUM	MG/L	28000	14300	NOT RUN
	MANGANESE	UG/L	190	66	NOT RUN
	SODIUM	MG/L	1310000	271000	NOT RUN
	TIN	UG/L	NOT RUN	30	NOT RUN
	TITANIUM	UG/L	L 500	4	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/25
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE
CONVENTIONALS	BOD	MG/L	740	20	97	11000	51000
	TOTAL SUSP. SOLIDS	MG/L	570	21	96	37000	143000
	COD	MG/L	1500	130	91	27000	G 30000
	OIL & GREASE	MG/L	100	10	90	1200	14000
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	400	L 5	99	4200	4200
	TOTAL VOL. SUS. SOLIDS	MG/L	420	19	95	27000	83000
	AMMONIA NITROGEN	MG/L	3	6	-	87	85
	TOC	MG/L	360	110	69	9175	19750
VOLATILES	BENZENE	UG/L	2	L 10	-	2	36
	CHLOROBENZENE	UG/L	L 10	L 10	-	L 10	7
	1,2-DICHLOROETHANE	UG/L	L 10	L 10	-	25	L 25
	1,1,1-TRICHLOROETHANE	UG/L	130	21	84	14	L 25
	1,1-DICHLOROETHANE	UG/L	21	L 10	52	687	L 25
	CHLOROFORM	UG/L	2	L 1	50	L 25	3
	1,1-DICHLOROETHYLENE	UG/L	1	L 10	-	L 25	58
	1,2-TRANS-DICHLOROETHYLENE	UG/L	12	L 10	17	97	L 25
	ETHYLBENZENE	UG/L	2	L 10	-	54	89
	METHYLENE CHLORIDE	UG/L	4	2	50	140	142
	TRICHLOROFLUOROMETHANE	UG/L	L 1	L 1	-	L 25	96
	TETRACHLOROETHYLENE	UG/L	21	1	95	L 25	190
	TOLUENE	UG/L	9	L 1	89	617	88
	TRICHLOROETHYLENE	UG/L	15	L 7	53	L 25	11
	VINYL CHLORIDE	UG/L	6	L 10	-	L 100	L 100
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	1	L 25	-	L 200	L 200
	PHENOL	UG/L	180	2	99	1400	2000
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	45	2	96	590	3500
	1,4-DICHLOROBENZENE	UG/L	9	L 1	89	82	470
	FLUORANTHENE	UG/L	L 5	L 5	-	430	64
	NAPHTHALENE	UG/L	180	L 10	94	520	2600
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	40	12	70	1500	17000
	BUTYL BENZYL PHTHALATE	UG/L	16	L 10	38	L 20	L 20
	DI-N-BUTYL PHTHALATE	UG/L	10	3	70	40	240
	DIETHYL PHTHALATE	UG/L	6	2	67	L 10	L 10
	ANTHRACENE	UG/L	2	L 10	-	L 10	L 10
	PHENANTHRENE	UG/L	2	L 10	-	1380	L 10
	PYRENE	UG/L	L 5	L 5	-	290	92
PESTICIDES	ALDRIN	NG/L	1800	100	94	N-D	N-D
	ALPHA-BHC	NG/L	L 1000	600	-	N-D	N-D
	BETA-BHC	NG/L	L 1000	500	-	N-D	N-D
	DELTA-BHC	NG/L	3500	300	91	N-D	N-D
METALS	ANTIMONY	UG/L	26	L 1	96	26	150
	ARSENIC	UG/L	1	L 1	-	18	130
	BERYLLIUM	UG/L	L 1	L 1	-	32	L 64
	CADMIUM	UG/L	3	L 2	33	110	450

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/26
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/26 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE
METALS	CHROMIUM	UG/L	6950	92	99	110000	610000
	COPPER	UG/L	101	11	89	6600	36000
	CYANIDE	UG/L	20	45	-	4000	2200
	LEAD	UG/L	1400	L 40	97	5900	38000
	MERCURY	NG/L	4000	L 1000	75	84000	670000
	NICKEL	UG/L	135	107	21	4300	17000
	SELENIUM	UG/L	2	1	50	12	95
	SILVER	UG/L	2	L 1	50	130	450
	THALLIUM	UG/L	L 1	1	-	L 6	L 21
	ZINC	UG/L	1430	102	93	78000	510000
NON-CONV. METALS	ALUMINUM	UG/L	1280	128	90	NOT RUN	NOT RUN
	BARIUM	UG/L	70	21	70	NOT RUN	NOT RUN
	BORON	UG/L	448	393	12	NOT RUN	NOT RUN
	CALCIUM	MG/L	181000	87000	52	NOT RUN	NOT RUN
	IRON	UG/L	3060	278	91	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	20700	15900	23	NOT RUN	NOT RUN
	MANGANESE	UG/L	148	65	56	NOT RUN	NOT RUN
	SODIUM	MG/L	446000	282000	37	NOT RUN	NOT RUN
	TIN	UG/L	97	75	23	NOT RUN	NOT RUN
	TITANIUM	UG/L	36	4	89	NOT RUN	NOT RUN
	VANADIUM	UG/L	2	L 1	50	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/26 0800 HOURS

FRACTION	PARAMETER	UNITS	OTHER INFLUENT	PRIMARY EFFLUENT	TAP WATER
CONVENTIONALS	BOD	MG/L	2300	390	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	1200	130	NOT RUN
	COD	MG/L	4100	780	NOT RUN
	OIL & GREASE	MG/L	320	80	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	900	110	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	1000	100	NOT RUN
	AMMONIA NITROGEN	MG/L	62	5	NOT RUN
	TOC	MG/L	1250	320	NOT RUN
VOLATILES	BENZENE	UG/L	100	1	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	L 10	180	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 10	18	NOT RUN
	CHLOROFORM	UG/L	L 10	2	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	L 10	2	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 10	10	NOT RUN
	ETHYLBENZENE	UG/L	L 10	1	NOT RUN
	METHYLENE CHLORIDE	UG/L	L 10	4	NOT RUN
	TETRACHLOROETHYLENE	UG/L	L 10	15	NOT RUN
	TOLUENE	UG/L	7	8	NOT RUN
	TRICHLOROETHYLENE	UG/L	L 10	8	NOT RUN
ACID EXTRACT	4-NITROPHENOL	UG/L	1000	L 25	NOT RUN
	PENTACHLOROPHENOL	UG/L	3	L 1	NOT RUN
	PHENOL	UG/L	650	140	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	85	16	NOT RUN
	1,3-DICHLOROBENZENE	UG/L	15	L 10	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	15	4	NOT RUN
	NAPHTHALENE	UG/L	271	61	NOT RUN
	NITROBENZENE	UG/L	63	L 10	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	5	22	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	L 20	9	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 20	5	NOT RUN
	DIETHYL PHTHALATE	UG/L	L 20	7	NOT RUN
	ANTHRACENE	UG/L	1	L 10	NOT RUN
METALS	ANTIMONY	UG/L	NOT RUN	3	NOT RUN
	ARSENIC	UG/L	NOT RUN	16	NOT RUN
	CHROMIUM	UG/L	53200	1020	NOT RUN
	COPPER	UG/L	86	48	NOT RUN
	CYANIDE	UG/L	L 10	15	NOT RUN
	LEAD	UG/L	L 20	132	NOT RUN
	MERCURY	NG/L	2000	L 1000	NOT RUN
	NICKEL	UG/L	L 30	114	NOT RUN
	SILVER	UG/L	NOT RUN	1	NOT RUN
	ZINC	UG/L	173	725	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	1400	329	NOT RUN
	BARIUM	UG/L	NOT RUN	36	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/26 0800 HOURS

FRACTION	PARAMETER	UNITS	OTHER INFLUENT	PRIMARY EFFLUENT	TAP WATER
NON-CONV. METALS	BORON	UG/L	NOT RUN	492	NOT RUN
	CALCIUM	MG/L	470000	80200	NOT RUN
	IRON	UG/L	3030	2070	NOT RUN
	MAGNESIUM	MG/L	36000	14600	NOT RUN
	MANGANESE	UG/L	160	65	NOT RUN
	SODIUM	MG/L	1830000	292000	NOT RUN
	TIN	UG/L	NOT RUN	48	NOT RUN
	TITANIUM	UG/L	L 500	4	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/26
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.R.=NOT REPORTED

DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/27 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE
CONVENTIONALS	BOD	MG/L	840	L 10	98	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	330	17	95	NOT RUN	NOT RUN
	COD	MG/L	840	50	94	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	110	16	85	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	210	L 5	98	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	260	13	95	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	3	3	-	NOT RUN	NOT RUN
	TOC	MG/L	200	85	57	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	2	L 10	-	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	29	3	90	NOT RUN	NOT RUN
	1,1-DICHLOROETHANE	UG/L	9	L 10	-	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	1	L 1	-	NOT RUN	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	4	L 10	-	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	11	L 10	9	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	4	L 10	-	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	3	1	67	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	34	1	97	NOT RUN	NOT RUN
	TOLUENE	UG/L	25	L 7	72	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	8	L 4	50	NOT RUN	NOT RUN
ACID EXTRACT	PENTACHLOROPHENOL	UG/L	4	L 25	-	NOT RUN	NOT RUN
	PHENOL	UG/L	60	1	98	NOT RUN	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	7	L 10	-	NOT RUN	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	4	L 10	-	NOT RUN	NOT RUN
	NAPHTHALENE	UG/L	140	L 10	93	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	79	44	44	NOT RUN	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	17	L 10	41	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	30	2	93	NOT RUN	NOT RUN
	DI-N-OCTYL PHTHALATE	UG/L	4	L 10	-	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	9	2	78	NOT RUN	NOT RUN
	DIMETHYL PHTHALATE	UG/L	4	L 10	-	NOT RUN	NOT RUN
	ANTHRACENE	UG/L	1	L 10	-	NOT RUN	NOT RUN
	PHENANTHRENE	UG/L	1	L 10	-	NOT RUN	NOT RUN
PESTICIDES	4,4'-DDE	NG/L	400	L 1000	-	NOT RUN	NOT RUN
	HEPTACHLOR EPOXIDE	NG/L	900	L 100	89	NOT RUN	NOT RUN
	GAMMA-BHC	NG/L	400	L 1000	-	NOT RUN	NOT RUN
METALS	ANTIMONY	UG/L	3	L 1	67	NOT RUN	NOT RUN
	CHROMIUM	UG/L	4460	94	98	NOT RUN	NOT RUN
	COPPER	UG/L	150	13	91	NOT RUN	NOT RUN
	CYANIDE	UG/L	20	120	-	NOT RUN	NOT RUN
	LEAD	UG/L	160	L 40	75	NOT RUN	NOT RUN
	MERCURY	NG/L	3000	L 1000	67	NOT RUN	NOT RUN
	NICKEL	UG/L	192	112	42	NOT RUN	NOT RUN
	SELENIUM	UG/L	1	L 1	-	NOT RUN	NOT RUN
	SILVER	UG/L	4	L 1	75	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/27
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/27 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	..BINED SLUDGE	HEAT TRT SLUDGE
METALS	ZINC	UG/L	2250	94	96	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	854	192	78	NOT RUN	NOT RUN
	BARIUM	UG/L	93	25	73	NOT RUN	NOT RUN
	BORON	UG/L	715	493	31	NOT RUN	NOT RUN
	CALCIUM	MG/L	91400	87100	5	NOT RUN	NOT RUN
	IRON	UG/L	3120	183	94	NOT RUN	NOT RUN
	MAGNESIUM	MG/L	18000	15800	12	NOT RUN	NOT RUN
	MANGANESE	UG/L	1640	59	96	NOT RUN	NOT RUN
	SODIUM	MG/L	179000	294000	-	NOT RUN	NOT RUN
	TIN	UG/L	90	70	22	NOT RUN	NOT RUN
	TITANIUM	UG/L	16	12	25	NOT RUN	NOT RUN
	VANADIUM	UG/L	2	L 1	50	NOT RUN	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/27 0800 HOURS

FRACTION	PARAMETER	UNITS	OTHER INFLUENT	PRIMARY EFFLUENT	TAP WATER
NON-CONV. METALS	MANGANESE	UG/L	175	267	NOT RUN
	SODIUM	MG/L	970000	227000	NOT RUN
	TIN	UG/L	NOT RUN	44	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/27
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;
N.D.=NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/28 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE
CONVENTIONALS	BOD	MG/L	120	L 10	92	NOT RUN	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	150	9	94	NOT RUN	NOT RUN
	COD	MG/L	540	L 25	95	NOT RUN	NOT RUN
	OIL & GREASE	MG/L	30	30	-	NOT RUN	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	30	L 5	83	NOT RUN	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	120	8	93	NOT RUN	NOT RUN
	AMMONIA NITROGEN	MG/L	3	6	-	NOT RUN	NOT RUN
	TOC	MG/L	240	85	65	NOT RUN	NOT RUN
VOLATILES	BENZENE	UG/L	1	L 10	-	NOT RUN	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	50	3	94	NOT RUN	NOT RUN
	1,1-DICHLOROETHANE	UG/L	5	L 1	80	NOT RUN	NOT RUN
	CHLOROFORM	UG/L	3	L 1	67	NOT RUN	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	1	L 10	-	NOT RUN	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	21	L 10	52	NOT RUN	NOT RUN
	ETHYLBENZENE	UG/L	1	L 10	-	NOT RUN	NOT RUN
	METHYLENE CHLORIDE	UG/L	3	2	33	NOT RUN	NOT RUN
	TETRACHLOROETHYLENE	UG/L	23	1	96	NOT RUN	NOT RUN
	TOLUENE	UG/L	6	L 10	-	NOT RUN	NOT RUN
	TRICHLOROETHYLENE	UG/L	10	L 10	-	NOT RUN	NOT RUN
	VINYL CHLORIDE	UG/L	9	L 10	-	NOT RUN	NOT RUN
ACID EXTRACT	PHENOL	UG/L	3	L 1	67	NOT RUN	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	5	L 10	-	NOT RUN	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	5	L 10	-	NOT RUN	NOT RUN
	NAPHTHALENE	UG/L	3	L 10	-	NOT RUN	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	390	93	76	NOT RUN	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	14	L 10	29	NOT RUN	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	6	1	83	NOT RUN	NOT RUN
	DIETHYL PHTHALATE	UG/L	14	2	86	NOT RUN	NOT RUN
	DIMETHYL PHTHALATE	UG/L	5	L 10	-	NOT RUN	NOT RUN
PESTICIDES	ALDRIN	NG/L	100	L 1000	-	NOT RUN	NOT RUN
	DELTA-BHC	NG/L	800	L 1000	-	NOT RUN	NOT RUN
METALS	CHROMIUM	UG/L	201	91	55	NOT RUN	NOT RUN
	COPPER	UG/L	119	10	92	NOT RUN	NOT RUN
	CYANIDE	UG/L	15	125	-	NOT RUN	NOT RUN
	NICKEL	UG/L	43	88	-	NOT RUN	NOT RUN
	SELENIUM	UG/L	L 1	1	-	NOT RUN	NOT RUN
	SILVER	UG/L	11	L 1	91	NOT RUN	NOT RUN
	ZINC	UG/L	770	96	88	NOT RUN	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	845	191	77	NOT RUN	NOT RUN
	BARIUM	UG/L	88	22	75	NOT RUN	NOT RUN
	BORON	UG/L	249	524	-	NOT RUN	NOT RUN
	CALCIUM	MG/L	62800	75700	-	NOT RUN	NOT RUN
	IRON	UG/L	1454	97	93	NOT RUN	NOT RUN

POLLUTANTS NOT LISTED WERE NOT DETECTED AT ANY SAMPLE POINT ON 80/06/28
L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/27 0800 HOURS

FRACTION	PARAMETER	UNITS	OTHER INFLUENT	PRIMARY EFFLUENT	TAP WATER
CONVENTIONALS	BOD	MG/L	1000	260	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	530	79	NOT RUN
	COD	MG/L	2800	550	NOT RUN
	OIL & GREASE	MG/L	370	50	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	1100	100	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	440	59	NOT RUN
	AMMONIA NITROGEN	MG/L	54	6	NOT RUN
	TOC	MG/L	700	170	NOT RUN
VOLATILES	BENZENE	UG/L	L 10	2	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	L 10	140	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 10	12	NOT RUN
	CHLOROFORM	UG/L	L 10	2	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	L 10	2	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 10	14	NOT RUN
	ETHYLBENZENE	UG/L	17	4	NOT RUN
	METHYLENE CHLORIDE	UG/L	L 10	3	NOT RUN
	TETRACHLOROETHYLENE	UG/L	L 10	24	NOT RUN
	TOLUENE	UG/L	78	27	NOT RUN
	TRICHLOROETHYLENE	UG/L	L 10	7	NOT RUN
ACID EXTRACT	4-NITROPHENOL	UG/L	490	L 25	NOT RUN
	PENTACHLOROPHENOL	UG/L	6	3	NOT RUN
	PHENOL	UG/L	570	57	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	24	8	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	L 20	3	NOT RUN
	NAPHTHALENE	UG/L	274	110	NOT RUN
	NITROBENZENE	UG/L	89	L 10	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	17	81	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	L 20	9	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	24	19	NOT RUN
	DIETHYL PHTHALATE	UG/L	L 20	10	NOT RUN
	ANTHRACENE	UG/L	1	L 1	NOT RUN
METALS	ANTIMONY	UG/L	NOT RUN	1	NOT RUN
	CHROMIUM	UG/L	75400	636	NOT RUN
	COPPER	UG/L	115	58	NOT RUN
	CYANIDE	UG/L	28	28	NOT RUN
	MERCURY	NG/L	1000	L 1000	NOT RUN
	NICKEL	UG/L	L 30	168	NOT RUN
	ZINC	UG/L	110	884	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	600	351	NOT RUN
	BARIUM	UG/L	NOT RUN	46	NOT RUN
	BORON	UG/L	NOT RUN	682	NOT RUN
	CALCIUM	MG/L	270000	80400	NOT RUN
	IRON	UG/L	2240	2440	NOT RUN
	MAGNESIUM	MG/L	41500	14100	NOT RUN

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L=LESS THAN; G=GREATER THAN; T=TRACE; I OR J=INTERFERENCE; U=UNCONFIRMED;

DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/28 0800 HOURS

FRACTION	PARAMETER	UNITS	INFLUENT	SECONDARY EFFLUENT	PERCENT REMOVAL	COMBINED SLUDGE	HEAT TRT SLUDGE
NON-CONV. METALS	MAGNESIUM	MG/L	14700	15800	-	NOT RUN	NOT RUN
	MANGANESE	UG/L	4890	213	96	NOT RUN	NOT RUN
	SODIUM	MG/L	63700	201000	-	NOT RUN	NOT RUN
	TIN	UG/L	66	70	-	NOT RUN	NOT RUN
	TITANIUM	UG/L	15	5	67	NOT RUN	NOT RUN
	VANADIUM	UG/L	L 1	2	-	NOT RUN	NOT RUN

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[illegible] NOT DETECTED

DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/28 0800 HOURS

FRACTION	PARAMETER	UNITS	OTHER INFLUENT	PRIMARY EFFLUENT	TAP WATER
CONVENTIONALS	BOD	MG/L	300	100	NOT RUN
	TOTAL SUSP. SOLIDS	MG/L	470	67	NOT RUN
	COD	MG/L	1200	330	NOT RUN
	OIL & GREASE	MG/L	380	20	NOT RUN
NON-CONVENTIONALS	TOTAL PHENOLS	UG/L	300	55	NOT RUN
	TOTAL VOL. SUS. SOLIDS	MG/L	350	50	NOT RUN
	AMMONIA NITROGEN	MG/L	3	2	NOT RUN
	TOC	MG/L	300	100	NOT RUN
VOLATILES	BENZENE	UG/L	L 10	2	NOT RUN
	1,1,1-TRICHLOROETHANE	UG/L	L 10	58	NOT RUN
	1,1-DICHLOROETHANE	UG/L	L 10	4	NOT RUN
	CHLOROFORM	UG/L	3	2	NOT RUN
	1,1-DICHLOROETHYLENE	UG/L	L 10	1	NOT RUN
	1,2-TRANS-DICHLOROETHYLENE	UG/L	L 10	17	NOT RUN
	ETHYLBENZENE	UG/L	L 10	1	NOT RUN
	METHYLENE CHLORIDE	UG/L	L 10	2	NOT RUN
	TETRACHLOROETHYLENE	UG/L	L 10	27	NOT RUN
	TOLUENE	UG/L	L 10	9	NOT RUN
	TRICHLOROETHYLENE	UG/L	L 10	7	NOT RUN
	VINYL CHLORIDE	UG/L	L 10	6	NOT RUN
ACID EXTRACT	4-NITROPHENOL	UG/L	110	L 25	NOT RUN
	PENTACHLOROPHENOL	UG/L	14	L 25	NOT RUN
	PHENOL	UG/L	33	L 1	NOT RUN
BASE-NEUTRALS	1,2-DICHLOROBENZENE	UG/L	5	7	NOT RUN
	1,4-DICHLOROBENZENE	UG/L	3	5	NOT RUN
	NAPHTHALENE	UG/L	19	14	NOT RUN
	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	9	55	NOT RUN
	BUTYL BENZYL PHTHALATE	UG/L	L 20	7	NOT RUN
	DI-N-BUTYL PHTHALATE	UG/L	L 20	5	NOT RUN
	DIETHYL PHTHALATE	UG/L	L 20	13	NOT RUN
	DIMETHYL PHTHALATE	UG/L	L 20	5	NOT RUN
PESTICIDES	HEPTACHLOR EPOXIDE	NG/L	N-D	300	NOT RUN
	BETA-BHC	NG/L	N-D	1800	NOT RUN
	DELTA-BHC	NG/L	N-D	600	NOT RUN
METALS	ARSENIC	UG/L	NOT RUN	1	NOT RUN
	CADMIUM	UG/L	64	L 2	NOT RUN
	CHROMIUM	UG/L	21500	1080	NOT RUN
	COPPER	UG/L	258	57	NOT RUN
	CYANIDE	UG/L	18	25	NOT RUN
	MERCURY	NG/L	6000	1000	NOT RUN
	NICKEL	UG/L	L 30	58	NOT RUN
	SELENIUM	UG/L	NOT RUN	1	NOT RUN
	SILVER	UG/L	NOT RUN	1	NOT RUN
	THALLIUM	UG/L	NOT RUN	1	NOT RUN

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DAILY ANALYTICAL RESULTS

PLANT 60

SAMPLE DATE ENDING 80/06/28 0800 HOURS

FRACTION	PARAMETER	UNITS	OTHER INFLUENT	PRIMARY EFFLUENT	TAP WATER
METALS	ZINC	UG/L	112	446	NOT RUN
NON-CONV. METALS	ALUMINUM	UG/L	700	364	NOT RUN
	BARIUM	UG/L	NOT RUN	50	NOT RUN
	BORON	UG/L	NOT RUN	860	NOT RUN
	CALCIUM	MG/L	145000	64600	NOT RUN
	IRON	UG/L	5620	2970	NOT RUN
	MAGNESIUM	MG/L	45000	15600	NOT RUN
	MANGANESE	UG/L	225	2550	NOT RUN
	SODIUM	MG/L	730000	99100	NOT RUN
	TIN	UG/L	NOT RUN	56	NOT RUN

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